

Cirrus Consulting, LLC

January 12, 2022

New Mexico Environment Department
Air Quality Bureau
Permits Section
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico 87505-1816

Re: Application to Modify Construction Permit 0761- -M10 (A.I. No. 1191)
Harvest Four Corners, LLC – Thompson Compressor Station

Dear Madam or Sir,

On behalf of **Harvest Four Corners, LLC** (Harvest), Cirrus Consulting, LLC submits the enclosed application to modify New Source Review (NSR) construction permit 0761-M10 for the **Thompson Compressor Station**. As discussed with Melinda Owens on December 6th (last month), this application is being submitted in an abbreviated format.

In accordance with the instructions in the NMAQB Universal Air Quality Permit Application, one hard copy original and one hard copy review copy application is included. CDs containing the application electronic files are also included.

Thank you for your assistance. If you have questions or need any additional information, please contact Mr. Oakley Hayes of Harvest at (505) 632-4421.

Sincerely,

CIRRUS CONSULTING, LLC



Lisa Killion

Enclosure

One application original hard copy, with electronic files on CD
One application review hard copy, with electronic files on CD

cc: Oakley Hayes, Harvest (electronic copy)

**NEW MEXICO 20.2.72 NMAC
ABBREVIATED PERMIT APPLICATION TO REVISE
CONSTRUCTION PERMIT NUMBER 0761-M10**

THOMPSON COMPRESSOR STATION

Submitted By:



Harvest Four Corners, LLC

**1755 Arroyo Drive
Bloomfield, New Mexico 87413**

Prepared By:

Cirrus Consulting, LLC

**11139 Crisp Air Drive
Colorado Springs, CO 80908
(801) 294-3024**

December 2021

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INTRODUCTION

The Harvest Four Corners, LLC (Harvest) – Thompson Compressor Station (Thompson CS) is submitting this air quality permit application to the New Mexico Air Quality Bureau (NMAQB) to modify Construction Permit 0761-M10 (issued September 20, 2018), as revised. The facility is a production gathering field compressor station that pressurizes natural gas for transport through natural gas pipelines. The facility also operates under the authority of Title V Operating Permit P018-R4, issued April 21, 2021. This application for a significant permit revision is submitted under Section 20.2.72.219.D(1) of the New Mexico Administrative Code (NMAC).

With this application, Harvest proposes to increase the allowable emissions of VOC from the unit P1 pigging/slug catching activities. Pigging is a routine maintenance activity.

On January 10, 2011, the Permit Manager of the NMAQB issued an update to the draft guidance memo, “Implementation Guidance for Permitting SSM Emissions and Excess Emissions”. The guidance is included a reference in Section 20, “Other Relevant Information”. The guidance document proposes an abbreviated application format for applications submitted to incorporate SSM emissions and up to 10 tons per year of malfunction emissions into permits. Accordingly, this application is presented in an abbreviated format, as reflected in the Table of Contents, and contains only emission calculations pertinent to the requested increase in VOC from pigging activities. As the purpose of this application is only to increase the currently permitted pigging emissions, this application is presented in an abbreviated format, as reflected in the Table of Contents; and assumes the existing permitted emission rates for all other emission sources, as shown in the total facility emissions in Section 2.

This application builds upon and explicitly incorporates by reference the existing air quality permit and information contained in the previous permit application that led to the permit issuance. Note that with this application, Harvest seeks only to increase the allowable Unit P1 pigging emissions of VOC under construction permit 0761-M10, Condition A107.A, Table 107.A “Allowable SSM and Malfunction Units, Activities and Emission Limits”. (Note that Unit P1 encompasses both pig launching and pig receiving activities.) No other changes are proposed to the permit.

The Thompson Compressor Station is a minor source under the federal Prevention of Significant Deterioration (PSD) program. Under the NMAQB Air Dispersion Modeling Guidelines (June 6, 2019), Section 2.2 (Air Pollutants), minor PSD sources are not required to perform air dispersion modeling analyses for VOC. Unless a construction permit application includes an increase in one of the regulated pollutants subject to dispersion modeling, the NMAQB does not require dispersion modeling.

The changes identified above do not result in any “de-bottlenecking” or other associated emissions, nor do they affect the status of the facility under Title V or PSD.

The facility is a major source of HAP under 40 CFR 63, subpart HH NESHAP for Oil and Natural Gas Production Facilities (although with no affected units); and an area source of HAP under 40 CFR 63, subparts YYYY (NESHAP for Stationary Combustion Turbines) and DDDDD (NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters). The proposed increase in VOC emissions from pigging activities has no effect on the regulatory applicability; and there are no regulations specifically applicable to pigging operations at the facility.

Mail Application To: New Mexico Environment Department Air Quality Bureau Permits Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone: (505) 476-4300 Fax: (505) 476-4375 www.env.nm.gov/aqb		For Department use only: AIRS No.:
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Universal Air Quality Permit Application

Use this application for NOI, NSR, or Title V sources.

Use this application for: the initial application, modifications, technical revisions, and renewals. For technical revisions, complete Sections, 1-A, 1-B, 2-E, 3, 9 and any other sections that are relevant to the requested action; coordination with the Air Quality Bureau permit staff prior to submittal is encouraged to clarify submittal requirements and to determine if more or less than these sections of the application are needed. Use this application for streamline permits as well. See Section 1-I for submittal instructions for other permits.

This application is submitted as (check all that apply): ☐ Request for a No Permit Required Determination (no fee)
☐ **Updating** an application currently under NMED review. Include this page and all pages that are being updated (no fee required).
 Construction Status: ☐ Not Constructed ☒ Existing Permitted (or NOI) Facility ☐ Existing Non-permitted (or NOI) Facility
 Minor Source: ☐ a NOI 20.2.73 NMAC ☒ 20.2.72 NMAC application or revision ☐ 20.2.72.300 NMAC Streamline application
 Title V Source: ☐ Title V (new) ☐ Title V renewal ☐ TV minor mod. ☐ TV significant mod. TV Acid Rain: ☐ New ☐ Renewal
 PSD Major Source: ☐ PSD major source (new) ☐ minor modification to a PSD source ☐ a PSD major modification

Acknowledgements:

- ☒ I acknowledge that a pre-application meeting is available to me upon request. ☐ Title V Operating, Title IV Acid Rain, and NPR applications have no fees.
- ☒ \$500 NSR application Filing Fee enclosed **OR** ☐ The full permit fee associated with 10 fee points (required w/ streamline applications).
- ☒ Check No.: [REDACTED] in the amount of **\$ 500.00**
- ☒ I acknowledge the required submittal format for the hard copy application is printed double sided 'head-to-toe', 2-hole punched (except the Sect. 2 landscape tables is printed 'head-to-head'), numbered tab separators. Incl. a copy of the check on a separate page.
- ☒ I acknowledge there is an annual fee for permits in addition to the permit review fee: www.env.nm.gov/air-quality/permit-fees-2/.
- ☐ This facility qualifies for the small business fee reduction per 20.2.75.11.C. NMAC. The full \$500.00 filing fee is included with this application and I understand the fee reduction will be calculated in the balance due invoice. The Small Business Certification Form has been previously submitted or is included with this application. (Small Business Environmental Assistance Program Information: www.env.nm.gov/air-quality/small-biz-eap-2/)

Citation: Please provide the **low level citation** under which this application is being submitted: **20.2.72.219.D(1) NMAC** (e.g. application for a new minor source would be 20.2.72.200.A NMAC, one example for a Technical Permit Revision is 20.2.72.219.B.1.b NMAC, a Title V acid rain application would be: 20.2.70.200.C NMAC)

Section 1 – Facility Information

Section 1-A: Company Information

		AI # if known (see 1 st 3 to 5 #s of permit IDEA ID No.): 1191	Updating Permit/NOI #: 0761-M10
1	Facility Name: Thompson Compressor Station	Plant primary SIC Code (4 digits): 1389 Plant NAIC code (6 digits): 213112	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): From the intersection of NM 516 and County Road 3535 in Flora Vista near the Farmer's Market, turn northwest on County Road 3535 and drive northwest 1.6 miles to where the pavement ends. Turn left on County Road 3536 and drive 0.6 miles to the station.		
2	Plant Operator Company Name: Harvest Four Corners, LLC	Phone/Fax: 505-632-4600 / 505-632-4782	

a	Plant Operator Address: 1755 Arroyo Drive, Bloomfield, NM 87413	
b	Plant Operator's New Mexico Corporate ID or Tax ID: 20-4283559	
3	Plant Owner(s) name(s): Harvest Four Corners, LLC	Phone/Fax: 505-632-4600 / 505-632-4782
a	Plant Owner(s) Mailing Address(s): 1755 Arroyo Drive, Bloomfield, NM 87413	
4	Bill To (Company): Harvest Four Corners, LLC	Phone/Fax: 505-632-4600 / 505-632-4782
a	Mailing Address: 1755 Arroyo Drive, Bloomfield NM 87413	E-mail: N/A
5	<input type="checkbox"/> Preparer: <input checked="" type="checkbox"/> Consultant: Lisa Killion, Cirrus Consulting, LLC	Phone/Fax: 505-466-1790 / 505-466-4599
a	Mailing Address: c/o 11139 Crisp Air Drive Colorado Springs, CO 80908	E-mail: lkillion@cirrusllc.com
6	Plant Operator Contact: Oakley Hayes	Phone/Fax: 505-632-4625 / 505-632-4421
a	Address: 1755 Arroyo Drive, Bloomfield NM 87413	E-mail: oakley.hayes@harvestmidstream.com
7	Air Permit Contact: Oakley Hayes	Title: Environmental Specialist
a	E-mail: oakley.hayes@harvestmidstream.com	Phone/Fax: : 505-632-4625 / 505-632-4421
b	Mailing Address: 1755 Arroyo Drive, Bloomfield NM 87413	
c	The designated Air permit Contact will receive all official correspondence (i.e. letters, permits) from the Air Quality Bureau.	

Section 1-B: Current Facility Status

1.a	Has this facility already been constructed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.b If yes to question 1.a, is it currently operating in New Mexico? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	If yes to question 1.a, was the existing facility subject to a Notice of Intent (NOI) (20.2.73 NMAC) before submittal of this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes to question 1.a, was the existing facility subject to a construction permit (20.2.72 NMAC) before submittal of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Is the facility currently shut down? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, give month and year of shut down (MM/YY):
4	Was this facility constructed before 8/31/1972 and continuously operated since 1972? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5	If Yes to question 3, has this facility been modified (see 20.2.72.7.P NMAC) or the capacity increased since 8/31/1972? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
6	Does this facility have a Title V operating permit (20.2.70 NMAC)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: P-018-R4
7	Has this facility been issued a No Permit Required (NPR)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NPR No. is:
8	Has this facility been issued a Notice of Intent (NOI)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NOI No. is:
9	Does this facility have a construction permit (20.2.72/20.2.74 NMAC)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: 0761-M10
10	Is this facility registered under a General permit (GCP-1, GCP-2, etc.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the register No. is:

Section 1-C: Facility Input Capacity & Production Rate

1	What is the facility's maximum input capacity, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly: 8.4 mmcf ^(a)	Daily: 202.5 mmcf ^(a)	Annually: 73,918 mmcf ^(a)
b	Proposed	Hourly: 8.4 mmcf ^(a)	Daily: 202.5 mmcf ^(a)	Annually: 73,918 mmcf ^(a)
2	What is the facility's maximum production rate, specify units (reference here and list capacities in Section 20, if more room is required)			

a	Current	Hourly: 8.4 mmcf ^(a)	Daily: 202.5 mmcf ^(a)	Annually: 73,918 mmcf ^(a)
b	Proposed	Hourly: 8.4 mmcf ^(a)	Daily: 202.5 mmcf ^(a)	Annually: 73,918 mmcf ^(a)

^(a) Station capacity is a direct function of available horsepower. The throughput is therefore dependent on atmospheric temperature, gas temperature, atmospheric pressure, gas pressure, relative humidity and gas quality, as well as other factors. The "capacity" expressed in the application is a nominal quantity, neither an absolute maximum nor an average. The actual throughput will vary from the nominal amount.

Section 1-D: Facility Location Information

1	Section: 04 & 09	Range: 12W	Township: 30N	County: San Juan	Elevation (ft): 5,815
2	UTM Zone: <input checked="" type="checkbox"/> 12 or <input type="checkbox"/> 13			Datum: <input type="checkbox"/> NAD 27 <input type="checkbox"/> NAD 83 <input checked="" type="checkbox"/> WGS 84	
a	UTM E (in meters, to nearest 10 meters): 758,787 m			UTM N (in meters, to nearest 10 meters): 4,080,438 m	
b	AND Latitude (deg., min., sec.): 36° 50' 4.0"			Longitude (deg., min., sec.): -108° 05' 53.3"	
3	Name and zip code of nearest New Mexico town: Flora Vista, NM 87415				
4	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): See Section 1-A.1.a.				
5	The facility is ~0.5 (distance) miles north-northwest (direction) of Flora Vista, NM (nearest town).				
6	Status of land at facility (check one): <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input checked="" type="checkbox"/> Federal BLM <input type="checkbox"/> Federal Forest Service <input type="checkbox"/> Other (specify)				
7	List all municipalities, Indian tribes, and counties within a ten (10) mile radius (20.2.72.203.B.2 NMAC) of the property on which the facility is proposed to be constructed or operated: Farmington, Aztec, Bloomfield; Ute Mountain Ute, Navajo Nation; San Juan Co.				
8	20.2.72 NMAC applications only : Will the property on which the facility is proposed to be constructed or operated be closer than 50 km (31 miles) to other states, Bernalillo County, or a Class I area (see www.env.nm.gov/aqb/modeling/class1areas.html)? <input type="checkbox"/> Yes <input type="checkbox"/> No (20.2.72.206.A.7 NMAC) If yes, list all with corresponding distances in kilometers: N/A				
9	Name nearest Class I area: Mesa Verde National Park				
10	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): 48.09 km				
11	Distance (meters) from the perimeter of the Area of Operations (AO is defined as the plant site inclusive of all disturbed lands, including mining overburden removal areas) to nearest residence, school or occupied structure: ~20 meters (north)				
12	Method(s) used to delineate the Restricted Area: Fenceline "Restricted Area" is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.				
13	Does the owner/operator intend to operate this source as a portable stationary source as defined in 20.2.72.7.X NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No A portable stationary source is not a mobile source, such as an automobile, but a source that can be installed permanently at one location or that can be re-installed at various locations, such as a hot mix asphalt plant that is moved to different job sites.				
14	Will this facility operate in conjunction with other air regulated parties on the same property? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility?				

Section 1-E: Proposed Operating Schedule (The 1-E.1 & 1-E.2 operating schedules may become conditions in the permit.)

1	Facility maximum operating ($\frac{\text{hours}}{\text{day}}$): 24	($\frac{\text{days}}{\text{week}}$): 7	($\frac{\text{weeks}}{\text{year}}$): 52	($\frac{\text{hours}}{\text{year}}$): 8,760
2	Facility's maximum daily operating schedule (if less than 24 $\frac{\text{hours}}{\text{day}}$)? Start:		AM PM	End: AM PM
3	Month and year of anticipated start of construction: N/A			
4	Month and year of anticipated construction completion: N/A			
5	Month and year of anticipated startup of new or modified facility: N/A			
6	Will this facility operate at this site for more than one year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Section 1-F: Other Facility Information

1	Are there any current Notice of Violations (NOV), compliance orders, or any other compliance or enforcement issues related to this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify:		
a	If yes, NOV date or description of issue:	NOV Tracking No:	
b	Is this application in response to any issue listed in 1-F, 1 or 1a above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide the 1c & 1d info below:		
c	Document Title:	Date:	Requirement # (or page # and paragraph #):
d	Provide the required text to be inserted in this permit:		
2	Is air quality dispersion modeling or modeling waiver being submitted with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3	Does this facility require an "Air Toxics" permit under 20.2.72.400 NMAC & 20.2.72.502, Tables A and/or B? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4	Will this facility be a source of federal Hazardous Air Pollutants (HAP)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
a	If Yes, what type of source? <input type="checkbox"/> Major (<input type="checkbox"/> ≥10 tpy of any single HAP OR <input type="checkbox"/> ≥25 tpy of any combination of HAPS) OR <input checked="" type="checkbox"/> Minor (<input checked="" type="checkbox"/> <10 tpy of any single HAP AND <input checked="" type="checkbox"/> <25 tpy of any combination of HAPS)		
5	Is any unit exempt under 20.2.72.202.B.3 NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
a	If yes, include the name of company providing commercial electric power to the facility: _____ Commercial power is purchased from a commercial utility company, which specifically does not include power generated on site for the sole purpose of the user.		

Section 1-G: Streamline Application

(This section applies to 20.2.72.300 NMAC Streamline applications only)

1	<input type="checkbox"/> I have filled out Section 18, "Addendum for Streamline Applications." <input checked="" type="checkbox"/> N/A (This is not a Streamline application.)
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Section 1-H: Current Title V Information - Required for all applications from TV Sources

(Title V-source required information for all applications submitted pursuant to 20.2.72 NMAC (Minor Construction Permits), or 20.2.74/20.2.79 NMAC (Major PSD/NNSR applications), and/or 20.2.70 NMAC (Title V))

1	Responsible Official (R.O.) (20.2.70.300.D.2 NMAC): Travis Jones		Phone: 713-289-2630
a	R.O. Title: EH&S Manager	R.O. e-mail: trjones@harvestmidstream.com	
b	R. O. Address: 1111 Travis Street, Houston, TX 77002		
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC): TBD		Phone: TBD
a	A. R.O. Title: TBD	A. R.O. e-mail: TBD	
b	A. R. O. Address: TBD		
3	Company's Corporate or Partnership Relationship to any other Air Quality Permittee (List the names of any companies that have operating (20.2.70 NMAC) permits and with whom the applicant for this permit has a corporate or partnership relationship): N/A		
4	Name of Parent Company ("Parent Company" means the primary name of the organization that owns the company to be permitted wholly or in part.): Hilcorp Energy Company		
a	Address of Parent Company: 1111 Travis Street, Houston, TX 77002		
5	Names of Subsidiary Companies ("Subsidiary Companies" means organizations, branches, divisions or subsidiaries, which are owned, wholly or in part, by the company to be permitted.): N/A		
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations: N/A		
7	Affected Programs to include Other States, local air pollution control programs (i.e. Bernalillo) and Indian tribes: Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B)? If yes, state which ones and provide the distances in kilometers: Yes. Colorado (18 km); Southern Ute Tribe (18 km), Jicarilla Apache Tribe (80 km), Navajo Nation Tribal lands (18 km / 16 km checkerboard), Ute Mountain Ute Tribe (14 km).		

Section 1-I – Submittal Requirements

Each 20.2.73 NMAC (NOI), a 20.2.70 NMAC (Title V), a 20.2.72 NMAC (NSR minor source), or 20.2.74 NMAC (PSD) application package shall consist of the following:

Hard Copy Submittal Requirements:

- 1) One hard copy **original signed and notarized application package printed double sided 'head-to-toe' 2-hole punched** as we bind the document on top, not on the side; except Section 2 (landscape tables), which should be **head-to-head**. Please use **numbered tab separators** in the hard copy submittal(s) as this facilitates the review process. For NOI submittals only, hard copies of UA1, Tables 2A, 2D & 2F, Section 3 and the signed Certification Page are required. **Please include a copy of the check on a separate page.**
- 2) If the application is for a minor NSR, PSD, NNSR, or Title V application, include one working hard **copy** for Department use. This **copy** should be printed in book form, 3-hole punched, and **must be double sided**. Note that this is in addition to the head-to-toe 2-hole punched copy required in 1) above. Minor NSR Technical Permit revisions (20.2.72.219.B NMAC) only need to fill out Sections 1-A, 1-B, 3, and should fill out those portions of other Section(s) relevant to the technical permit revision. TV Minor Modifications need only fill out Sections 1-A, 1-B, 1-H, 3, and those portions of other Section(s) relevant to the minor modification. NMED may require additional portions of the application to be submitted, as needed.
- 3) The entire NOI or Permit application package, including the full modeling study, should be submitted electronically. Electronic files for applications for NOIs, any type of General Construction Permit (GCP), or technical revisions to NSRs must be submitted with compact disk (CD) or digital versatile disc (DVD). For these permit application submittals, **two CD** copies are required (in sleeves, not crystal cases, please), with additional CD copies as specified below. NOI applications require only a **single CD** submittal. Electronic files for other New Source Review (construction) permits/permit modifications or Title V permits/permit modifications can be submitted on CD/DVD or sent through AQB's secure file transfer service.

Electronic files sent by (check one):

☒ CD/DVD attached to paper application

☐ secure electronic transfer. Air Permit Contact Name _____

Email _____

Phone number _____

a. If the file transfer service is chosen by the applicant, after receipt of the application, the Bureau will email the applicant with instructions for submitting the electronic files through a secure file transfer service. Submission of the electronic files through the file transfer service needs to be completed within 3 business days after the invitation is received, so the applicant should ensure that the files are ready when sending the hard copy of the application. The applicant will not need a password to complete the transfer. **Do not use the file transfer service for NOIs, any type of GCP, or technical revisions to NSR permits.**

- 4) Optionally, the applicant may submit the files with the application on compact disk (CD) or digital versatile disc (DVD) following the instructions above and the instructions in 5 for applications subject to PSD review.
- 5) If **air dispersion modeling** is required by the application type, include the **NMED Modeling Waiver** and/or electronic air dispersion modeling report, input, and output files. The dispersion modeling **summary report only** should be submitted as hard copy(ies) unless otherwise indicated by the Bureau.
- 6) If the applicant submits the electronic files on CD and the application is subject to PSD review under 20.2.74 NMAC (PSD) or NNSR under 20.2.79 NMC include,
 - a. one additional CD copy for US EPA,
 - b. one additional CD copy for each federal land manager affected (NPS, USFS, FWS, USDI) and,
 - c. one additional CD copy for each affected regulatory agency other than the Air Quality Bureau.

If the application is submitted electronically through the secure file transfer service, these extra CDs do not need to be submitted.

Electronic Submittal Requirements [in addition to the required hard copy(ies)]:

- 1) All required electronic documents shall be submitted as 2 separate CDs or submitted through the AQB secure file transfer service. Submit a single PDF document of the entire application as submitted and the individual documents comprising the application.
- 2) The documents should also be submitted in Microsoft Office compatible file format (Word, Excel, etc.) allowing us to access the text and formulas in the documents (copy & paste). Any documents that cannot be submitted in a Microsoft Office compatible

format shall be saved as a PDF file from within the electronic document that created the file. If you are unable to provide Microsoft office compatible electronic files or internally generated PDF files of files (items that were not created electronically: i.e. brochures, maps, graphics, etc.), submit these items in hard copy format. We must be able to review the formulas and inputs that calculated the emissions.

- 3) It is preferred that this application form be submitted as 4 electronic files (**3 MSWord docs**: Universal Application section 1 [UA1], Universal Application section 3-19 [UA3], and Universal Application 4, the modeling report [UA4]) and **1 Excel file** of the tables (Universal Application section 2 [UA2]). Please include as many of the 3-19 Sections as practical in a single MS Word electronic document. Create separate electronic file(s) if a single file becomes too large or if portions must be saved in a file format other than MS Word.
- 4) The **electronic file names** shall be a maximum of 25 characters long (including spaces, if any). The format of the electronic Universal Application shall be in the format: "A-3423-FacilityName". The "A" distinguishes the file as an application submittal, as opposed to other documents the Department itself puts into the database. Thus, all electronic application submittals should begin with "A-". Modifications to existing facilities should use the **core permit number** (i.e. '3423') the Department assigned to the facility as the next 4 digits. Use 'XXXX' for new facility applications. The format of any separate electronic submittals (additional submittals such as non-Word attachments, re-submittals, application updates) and Section document shall be in the format: "A-3423-9-description", where "9" stands for the **section #** (in this case Section 9-Public Notice). Please refrain, as much as possible, from submitting any scanned documents as this file format is extremely large, which uses up too much storage capacity in our database. Please take the time to fill out the **header information** throughout all submittals as this will identify any loose pages, including the Application Date (date submitted) & Revision number (0 for original, 1, 2, etc.; which will help keep track of subsequent partial update(s) to the original submittal. Do not use special symbols (#, @, etc.) in file names. The footer information should not be modified by the applicant.

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Section 13:	Discussion Demonstrating Compliance with Each Applicable State & Federal Regulation
Section 14:	Operational Plan to Mitigate Emissions
Section 15:	Alternative Operating Scenarios
Section 16:	Air Dispersion Modeling
Section 17:	Compliance Test History
Section 18:	Addendum for Streamline Applications (streamline applications only)
Section 19:	Requirements for the Title V (20.2.70 NMAC) Program (Title V applications only)
Section 20:	Other Relevant Information
Section 21:	Addendum for Landfill Applications
Section 22:	Certification Page

Table 2-A: Regulated Emission Sources

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ²	Controlled by Unit #	Source Classification Code (SCC)	For Each Piece of Equipment, Check One		RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Date of Construction/Reconstruction ²	Emissions vented to Stack #					
P1	Pigging activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31000299	Existing (unchanged) New/Additional X To Be Modified	To be Removed Replacement Unit To be Replaced	N/A	N/A
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		
										Existing (unchanged) New/Additional To Be Modified	To be Removed Replacement Unit To be Replaced		

¹ Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

⁴ "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

Table 2-B: Insignificant Activities¹ (20.2.70 NMAC) OR Exempted Equipment (20.2.72 NMAC)

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 20.2.B.5 "similar functions" units, operations, and activities in Section 6, Calculations. Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see http://www.env.nm.gov/aqb/permit/aqb_pol.html), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D.4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The List of Insignificant Activities (for TV) can be found online at <http://www.env.nm.gov/aqb/forms/InsignificantListTitleV.pdf>. TV sources may elect to enter both TV Insignificant Activities and Part 72 Exemptions on this form.

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One	
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²		
N/A							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced
							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced
							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced
							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced
							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced
							Existing (unchanged)	To be Removed
							New/Additional	Replacement Unit
							To Be Modified	To be Replaced

¹ Insignificant activities exempted due to size or production rate are defined in 20.2.70.300.D.6, 20.2.70.7.Q NMAC, and the NMED/AQB List of Insignificant Activities, dated September 15, 2008. Emissions from these insignificant activities do not need to be reported, unless specifically requested.

² Specify date(s) required to determine regulatory applicability.

Table 2-E: Requested Allowable Emissions

Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "--" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E⁻⁴).

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Facility Total ²	16.94	74.20	23.13	101.31	35.26	177.77	0.21	0.90	0.40	1.75	0.40	1.75	0.40	1.75	-	-	-	-
P1	-	-	-	-	-	14.47	-	-	-	-	-	-	-	-	-	-	-	-
Totals	16.94	74.20	23.13	101.31	35.26	192.24	0.21	0.90	0.40	1.75	0.40	1.75	0.40	1.75	-	-	-	-

¹ **Condensable Particulate Matter:** Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

² The 'Facility Total' emission rates are from emission totals (Table 2-E) in the application for Operating Permit P018-R4 (4/21/2021), minus the 1.83 tpy VOC of requested Pigging (unit P-1) emissions.

Table 2-F: Additional Emissions during Startup, Shutdown, and Routine Maintenance (SSM)

This table is intentionally left blank since all emissions at this facility due to routine or predictable startup, shutdown, or scheduled maintenance are no higher than those listed in Table 2-E and a malfunction emission limit is not already permitted or requested. If you are required to report GHG emissions as described in Section 6a, include any GHG emissions during Startup, Shutdown, and/or Scheduled Maintenance (SSM) in Table 2-P. Provide an explanations of SSM emissions in Section 6 and 6a.

All applications for facilities that have emissions during routine or predictable startup, shutdown or scheduled maintenance (SSM)¹, including NOI applications, must include in this table the Maximum Emissions during routine or predictable startup, shutdown and scheduled maintenance (20.2.7 NMAC, 20.2.72.203.A.3 NMAC, 20.2.73.200.D.2 NMAC). In Section 6 and 6a, provide emissions calculations for all SSM emissions reported in this table. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (https://www.env.nm.gov/aqb/permit/aqb_pol.html) for more detailed instructions. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

Unit No.	NOx		CO		VOC		SOx		PM ²		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
P1 ³	-	-	-	-	-	14.47	-	-	-	-	-	-	-	-	-	-	-	-
Totals	-	-	-	-	-	14.47	-	-	-	-	-	-	-	-	-	-	-	-

¹ For instance, if the short term steady-state Table 2-E emissions are 5 lb/hr and the SSM rate is 12 lb/hr, enter 7 lb/hr in this table. If the annual steady-state Table 2-E emissions are 21.9 TPY, and the number of scheduled SSM events result in annual emissions of 31.9 TPY, enter 10.0 TPY in the table below.

² **Condensable Particulate Matter:** Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

³ Pigging activities are a routine maintenance activity, and as such are a type of SSM activity.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

In the table below, report the Potential to Emit for each HAP from each regulated emission unit listed in Table 2-A, only if the entire facility emits the HAP at a rate greater than or equal to one (1) ton per year. For each such emission unit, HAPs shall be reported to the nearest 0.1 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Per 20.2.72.403.A.1 NMAC, facilities not exempt [see 20.2.72.402.C NMAC] from TAP permitting shall report each TAP that has an uncontrolled emission rate in excess of its pounds per hour screening level specified in 20.2.72.502 NMAC. TAPs shall be reported using one more significant figure than the number of significant figures shown in the pound per hour threshold corresponding to the substance. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA and the TAP nomenclature as it listed in 20.2.72.502 NMAC. Include tank-flashing emissions estimates of HAPs in this table. For each HAP or TAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above.

Stack No.	Unit No.(s)	Total HAPs		Acetaldehyde X HAP or TAP		Benzene X HAP or TAP		Formaldehyde X HAP or TAP		n-Hexane X HAP or TAP		Toluene X HAP or TAP		Xylene X HAP or TAP		Provide Pollutant Name Here HAP or TAP		Provide Pollutant Name Here HAP or TAP	
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Facility Total ¹	Facility Total ¹	11.2	17.8	0.2	1.0	0.4	1.2	0.2	1.0	6.5	11.0	2.2	2.7	1.4	0.6				
P1	P1	-	0.5	-	-	-	-	-	-	-	0.4	-	0.1	-	-				
Totals:		11.2	18.3	0.2	1.0	0.4	1.2	0.2	1.0	6.5	11.3	2.2	2.7	1.4	0.6				

Table 2-P: Greenhouse Gas Emissions

Applications submitted under 20.2.70, 20.2.72, & 20.2.74 NMAC are required to complete this Table. Power plants, Title V major sources, and PSD major sources must report and calculate all GHG emissions for each unit. Applicants must report potential emission rates in short tons per year (see Section 6.a for assistance). Include GHG emissions during Startup, Shutdown, and Scheduled Maintenance in this table. For minor source facilities that are not power plants, are not Title V, or are not PSD, there are three options for reporting GHGs 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHG as a second separate unit; OR 3) check the following box

☒ By checking this box, the applicant acknowledges the total CO₂e emissions are less than 75,000 tons per year.

		CO ₂ ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SF ₆ ton/yr	PFC/HFC ton/yr ²							Total GHG Mass Basis ton/yr ⁴	Total CO ₂ e ton/yr ⁵
Unit No.	GWPs ¹	1	298	25	22,800	footnote 3								
Facility Total ¹	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
	mass GHG													
	CO ₂ e													
Totals	mass GHG													
	CO ₂ e													

¹ GWP (Global Warming Potential): Applicants must use the most current GWPs codified in Table A-1 of 40 CFR part 98. GWPs are subject to change, therefore, applicants need to check 40 CFR 98 to confirm GWP values.

² For HFCs or PFCs describe the specific HFC or PFC compound and use a separate column for each individual compound.

³ For each new compound, enter the appropriate GWP for each HFC or PFC compound from Table A-1 in 40 CFR 98.

⁴ Green house gas emissions on a mass basis is the ton per year green house gas emission before adjustment with its GWP.

⁵ CO₂e means Carbon Dioxide Equivalent and is calculated by multiplying the TPY mass emissions of the green house gas by its GWP.

Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will affect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

The **Process Summary** shall include a brief description of the facility and its processes.

Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

The Harvest Four Corners, LLC (Harvest) – Thompson Compressor Station (Thompson CS) is submitting this air quality permit application to the New Mexico Air Quality Bureau (NMAQB) to modify Construction Permit 0761-M10 (issued September 20, 2018), as revised. The facility is a production gathering field compressor station that pressurizes natural gas for transport through natural gas pipelines. The facility also operates under the authority of Title V Operating Permit P018-R4, issued April 21, 2021. This application for a significant permit revision is submitted under Section 20.2.72.219.D(1) of the New Mexico Administrative Code (NMAC).

The facility includes the following equipment and emission sources:

- One natural gas fired, 1,125 site rated-horsepower (hp) Solar Saturn 10-T1300 compressor turbine engine, unit 1;
- One natural gas fired, 997-site-rated hp Solar Saturn 10-T1200 compressor turbine engine, unit 9;
- One natural gas fired, 3,834-site-rated hp Solar Centaur 40-4700S compressor turbine engine, unit 14;
- A heated inlet separator (SEP-1);
- Two condensate liquid storage tanks, including one 21,000 gallon (500-barrel) and one 16,800 gallon (400-barrel) tank, units T-3 and T-12, respectively;
- Associated condensate truck loading activities, unit F-2;
- Emissions of volatile organic compounds (VOC) associated with startup, shutdown and routine maintenance activities (SSM);

- Facility pigging/slugging activities, unit P1;
- Produced water storage tanks (units T-4, T-16 and T-20);
- VOC emissions from truck loading of condensate liquids to 2.3 tpy; and
- Up to 10 tons per year (tpy) of facility-wide malfunction emissions of VOC, designated as unit M.

The facility also has unregulated emission sources including various small heaters throughout the facility, miscellaneous/unregulated liquid storage tanks and their associated truck loading activities, and fugitive emissions of VOC.

With this application, Harvest proposes to increase the allowable emissions of VOC from the unit P1 pigging/slugging activities. Pigging is a routine maintenance activity.

On January 10, 2011, the Permit Manager of the NMAQB issued an update to the draft guidance memo, "Implementation Guidance for Permitting SSM Emissions and Excess Emissions". The guidance is included a reference in Section 20, "Other Relevant Information". The guidance document proposes an abbreviated application format for applications submitted to incorporate SSM emissions and up to 10 tons per year of malfunction emissions into permits. Accordingly, this application is presented in an abbreviated format, as reflected in the Table of Contents, and contains only emission calculations pertinent to the requested increase in VOC from pigging activities. As the purpose of this application is only to increase the currently permitted pigging emissions, this application is presented in an abbreviated format, as reflected in the Table of Contents; and assumes the existing permitted emission rates for all other emission sources, as shown in the total facility emissions in Section 2.

This application builds upon and explicitly incorporates by reference the existing air quality permit and information contained in the previous permit application that led to the permit issuance. Note that with this application, Harvest seeks only to increase the allowable Unit P1 pigging emissions of VOC under construction permit 0761-M10, Condition A107.A, Table 107.A "Allowable SSM and Malfunction Units, Activities and Emission Limits". (Note that Unit P1 encompasses both pig launching and pig receiving activities.) No other changes are proposed to the permit.

The Thompson Compressor Station is a minor source under the federal Prevention of Significant Deterioration (PSD) program. Under the NMAQB Air Dispersion Modeling Guidelines (June 6, 2019), Section 2.2 (Air Pollutants), minor PSD sources are not required to perform air dispersion modeling analyses for VOC. Unless a construction permit application includes an increase in one of the regulated pollutants subject to dispersion modeling, the NMAQB does not require dispersion modeling.

The changes identified above do not result in any "de-bottlenecking" or other associated emissions, nor do they affect the status of the facility under Title V or PSD.

The facility is a major source of HAP under 40 CFR 63, subpart HH *NESHAP for Oil and Natural Gas Production Facilities* (although with no affected units); and an area source of HAP under 40 CFR 63, subparts YYYY (*NESHAP for Stationary Combustion Turbines*) and DDDDD (*NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters*). The proposed increase in VOC emissions from pigging activities has no effect on the regulatory applicability; and there are no regulations specifically applicable to pigging operations at the facility.

Section 6

All Calculations

Show all calculations used to determine both the hourly and annual controlled and uncontrolled emission rates. All calculations shall be performed keeping a minimum of three significant figures. Document the source of each emission factor used (if an emission rate is carried forward and not revised, then a statement to that effect is required). If identical units are being permitted and will be subject to the same operating conditions, submit calculations for only one unit and a note specifying what other units to which the calculations apply. All formulas and calculations used to calculate emissions must be submitted. The "Calculations" tab in the UA2 has been provided to allow calculations to be linked to the emissions tables. Add additional "Calc" tabs as needed. If the UA2 or other spread sheets are used, all calculation spread sheet(s) shall be submitted electronically in Microsoft Excel compatible format so that formulas and input values can be checked. Format all spread sheets and calculations such that the reviewer can follow the logic and verify the input values. Define all variables. If calculation spread sheets are not used, provide the original formulas with defined variables. Additionally, provide subsequent formulas showing the input values for each variable in the formula. All calculations, including those calculations are imbedded in the Calc tab of the UA2 portion of the application, the printed Calc tab(s), should be submitted under this section.

Tank Flashing Calculations: The information provided to the AQB shall include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., NOI, permit, or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis. If Hysis is used, all relevant input parameters shall be reported, including separator pressure, gas throughput, and all other relevant parameters necessary for flashing calculation.

SSM Calculations: It is the applicant's responsibility to provide an estimate of SSM emissions or to provide justification for not doing so. In this Section, provide emissions calculations for Startup, Shutdown, and Routine Maintenance (SSM) emissions listed in the Section 2 SSM and/or Section 22 GHG Tables and the rational for why the others are reported as zero (or left blank in the SSM/GHG Tables). Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on calculating SSM emissions. If SSM emissions are greater than those reported in the Section 2, Requested Allowables Table, modeling may be required to ensure compliance with the standards whether the application is NSR or Title V. Refer to the Modeling Section of this application for more guidance on modeling requirements.

Glycol Dehydrator Calculations: The information provided to the AQB shall include the manufacturer's maximum design recirculation rate for the glycol pump. If GRI-Glycalc is used, the full input summary report shall be included as well as a copy of the gas analysis that was used.

Road Calculations: Calculate fugitive particulate emissions and enter haul road fugitives in Tables 2-A, 2-D and 2-E for:

1. If you transport raw material, process material and/or product into or out of or within the facility and have PER emissions greater than 0.5 tpy.
2. If you transport raw material, process material and/or product into or out of the facility more frequently than one round trip per day.

Significant Figures:

A. All emissions standards are deemed to have at least two significant figures, but not more than three significant figures.

B. At least 5 significant figures shall be retained in all intermediate calculations.

C. In calculating emissions to determine compliance with an emission standard, the following rounding off procedures shall be used:

- (1) If the first digit to be discarded is less than the number 5, the last digit retained shall not be changed;
- (2) If the first digit discarded is greater than the number 5, or if it is the number 5 followed by at least one digit other than the number zero, the last figure retained shall be increased by one unit; **and**
- (3) If the first digit discarded is exactly the number 5, followed only by zeros, the last digit retained shall be rounded upward if it is an odd number, but no adjustment shall be made if it is an even number.
- (4) The final result of the calculation shall be expressed in the units of the standard.

Control Devices: In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device

regardless if the applicant takes credit for the reduction in emissions. The applicant can indicate in this section of the application if they chose to not take credit for the reduction in emission rates. For notices of intent submitted under 20.2.73 NMAC, only uncontrolled emission rates can be considered to determine applicability unless the state or federal Acts require the control. This information is necessary to determine if federally enforceable conditions are necessary for the control device, and/or if the control device produces its own regulated pollutants or increases emission rates of other pollutants.

Pigging Emissions – Pig Launchers and Pig Receivers/Slug Catchers

A “pig” is a device that is periodically inserted and propelled through a pipeline for the purpose of cleaning and/or internal inspection, i.e., maintenance procedures. The pig is inserted into the line at an upstream location (pig launcher), and through the pressure of the natural gas behind it is propelled downstream, pushing along with it residual material through the pipeline. The pig is then “caught” into a receptacle (pig receiver) at the compressor station facility downstream. Pressurized water “slugs” and gas is pushed into the catcher or inlet scrubber. The gas is separated and routed into the gathering line, and the depressurized slug of water is drained and diverted to a produced water storage tank. A small amount of natural gas is released when the pig receiver is opened to retrieve the pig, including VOC and HAP constituents in the natural gas. The pig receiver /slug catcher VOC emissions are fugitive emissions that result from opening valves at the pig receiving compartment along the line.

The facility is being permitted for multiple pig launchers (subunit PL) and pig receivers (subunit PR). The emissions from launching and receiving activities are aggregated under unit P-1.

VOC and HAP emissions from the pig launchers and receivers are calculated from the composition of the natural gas in a recent natural gas extended analysis and the volume of gas released during pigging operations. The quantity of gas released is determined by Harvest engineering. A safety factor was added because VOC and HAP emissions from each blowdown event are dependent on the composition of the gas in the pipeline and because the number of blowdowns in a year may vary. Experience indicates there will be a nominal variation in the composition of the gas.

Facility Total Projected Emissions (Criteria Pollutants)

Company: **Harvest Four Corners LLC**
 Facility: **Thompson Compressor Station**
 Date/Rev: **Dec. 2021; Rev. 0**

Unit Number	Description	NOX		CO		VOC		SOX		TSP		PM10		PM2.5		Lead	
		pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy
PL	Pig/slug Launching activities	--	--	--	--	--	7.206	--	--	--	--	--	--	--	--	--	--
PR	Pig/slug Receiving activities	--	--	--	--	--	7.264	--	--	--	--	--	--	--	--	--	--
Unit P1 Pigging Activities Only		--	--	--	--	--	14.471	--	--	--	--	--	--	--	--	--	--

Facility Total Projected Emissions (HAPs)

Company: Harvest Four Corners LLC
 Facility: Thompson Compressor Station
 Revision: Dec. 2021; Rev. 0

Unit Number	Description	Total HAPs,		2,2,4-Trimethyl-pentane,		Acetaldehyde,		Benzene,		Ethyl benzene,		Formaldehyde,		n-Hexane,		Toluene,		Xylenes,	
		pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy	pph	tpy
PL	Pig/slug Launching activities	--	0.257	--	5.20E-03			--	0.0247	--	0.0005			--	0.1844	--	0.0371	--	0.0047
PR	Pig/slug Receiving activities	--	0.259	--	5.24E-03			--	0.0249	--	0.0005			--	0.1859	--	0.0374	--	0.0048
	Pigging Activities Only Subtotal	--	0.515	--	1.04E-02			--	4.96E-02	--	1.05E-03			--	0.370	--	7.45E-02	--	9.48E-03
	(Regulated Sources) Total	11.17	18.34	6.27E-02	0.158	0.227	0.996	0.442	1.24	0.150	0.10	0.222	0.97	6.47	11.42	2.18	2.75	1.40	0.58

Pig Launcher Emissions Calculations

Unit Number: **PL**

Description: Pig Launching activities

Throughput

800 events/yr
 1,875 Mscf/year
 1,875,000 scf/yr

Purges/Blowdowns per year
 Mscf annual gas loss
 Annual gas loss

Harvest Four Corners LLC
 Harvest Four Corners LLC
 scf/year x 1000

Emission Rates

Pollutants	Emission Factors, lb/scf	Uncontrolled, Emission Rates, tpy
VOC	7.687E-03	7.206
2,2,4-Trimethylpentane	5.547E-06	5.20E-03
Benzene	2.635E-05	2.47E-02
Ethylbenzene	5.597E-07	5.25E-04
n-Hexane	1.967E-04	0.184
Toluene	3.959E-05	3.71E-02
Xylene	5.037E-06	4.72E-03
Total HAP		0.257

Emission factors calculated from gas composition (see table below)

Uncontrolled Emission Rates (lb/hr) = scf/event x lb/scf

Uncontrolled Emission Rates (tpy) = scf/yr x lb/scf / 2,000 lb/ton

The emission rates include a safety factor.

Gas Composition

Components	Mole Percents, %	Molecular Weights, lb/lb-mole	Emission Factors, lb/scf
Carbon dioxide	1.6346	44.01	1.896E-03
Hydrogen sulfide	0.0000	34.07	0.000E+00
Nitrogen	0.4098	28.01	3.025E-04
Methane	85.5163	16.04	3.615E-02
Ethane	7.0694	30.07	5.603E-03
Propane	3.0073	44.09	3.495E-03
Isobutane	0.5396	58.12	8.266E-04
n-Butane	0.8219	58.12	1.259E-03
Isopentane	0.3130	72.15	5.952E-04
n-Pentane	0.2362	72.15	4.492E-04
Cyclopentane	0.0117	70.14	2.163E-05
n-Hexane	0.0866	86.17	1.967E-04
Cyclohexane	0.0283	84.16	6.278E-05
Other hexanes	0.1844	86.18	4.189E-04
Heptanes	0.0494	100.20	1.305E-04
Methylcyclohexane	0.0448	98.19	1.159E-04
Isooctane	0.0021	100.21	5.547E-06
Benzene	0.0128	78.11	2.635E-05
Toluene	0.0163	92.14	3.959E-05
Ethylbenzene	0.0002	106.17	5.597E-07
Xylenes	0.0018	106.17	5.037E-06
C8+ Heavies	0.0133	110.00	3.856E-05
Total	99.9998		
Total VOC			7.687E-03

Gas stream composition obtained from Thompson Inlet HP extended gas analysis dated 4/9/2021.

Emission Factors (lb/scf) = (% / 100) x lb/lb-mole / 379.4 scf/lb-mole

Pig Receiver Emissions Calculations

Unit Number: **PR**
 Description: Pig Receiving activities

Throughput

1250 events/yr
 1,890 Mscf/year
 1,890,000 scf/yr

Purges/Blowdowns per year
 Mscf annual gas loss
 Annual gas loss

Harvest Four Corners LLC
 Harvest Four Corners LLC
 scf/year x 1000

Emission Rates

Pollutants	Emission Factors, lb/scf	Uncontrolled, Emission Rates, tpy
VOC	7.687E-03	7.264
2,2,4-Trimethylpentane	5.547E-06	5.24E-03
Benzene	2.635E-05	2.49E-02
Ethylbenzene	5.597E-07	5.29E-04
n-Hexane	1.967E-04	0.186
Toluene	3.959E-05	3.74E-02
Xylene	5.037E-06	4.76E-03
Total HAP		0.259

Emission factors calculated from gas composition (see table below)

Uncontrolled Emission Rates (lb/hr) = scf/event x lb/scf

Uncontrolled Emission Rates (tpy) = scf/yr x lb/scf / 2,000 lb/ton

The emission rates include a safety factor.

Gas Composition

Components	Mole Percents, %	Molecular Weights, lb/lb-mole	Emission Factors, lb/scf
Carbon dioxide	1.6346	44.01	1.896E-03
Hydrogen sulfide	0.0000	34.07	0.000E+00
Nitrogen	0.4098	28.01	3.025E-04
Methane	85.5163	16.04	3.615E-02
Ethane	7.0694	30.07	5.603E-03
Propane	3.0073	44.09	3.495E-03
Isobutane	0.5396	58.12	8.266E-04
n-Butane	0.8219	58.12	1.259E-03
Isopentane	0.3130	72.15	5.952E-04
n-Pentane	0.2362	72.15	4.492E-04
Cyclopentane	0.0117	70.14	2.163E-05
n-Hexane	0.0866	86.17	1.967E-04
Cyclohexane	0.0283	84.16	6.278E-05
Other hexanes	0.1844	86.18	4.189E-04
Heptanes	0.0494	100.20	1.305E-04
Methylcyclohexane	0.0448	98.19	1.159E-04
Isooctane	0.0021	100.21	5.547E-06
Benzene	0.0128	78.11	2.635E-05
Toluene	0.0163	92.14	3.959E-05
Ethylbenzene	0.0002	106.17	5.597E-07
Xylenes	0.0018	106.17	5.037E-06
C8+ Heavies	0.0133	110.00	3.856E-05
Total	99.9998		
Total VOC			7.687E-03

Gas stream composition obtained from Thompson Inlet HP extended gas analysis dated 4/9/2021.

Emission Factors (lb/scf) = (% / 100) x lb/lb-mole / 379.4 scf/lb-mole

Section 6.a

Green House Gas Emissions

(Submitting under 20.2.70, 20.2.72 20.2.74 NMAC)

Title V (20.2.70 NMAC), Minor NSR (20.2.72 NMAC), and PSD (20.2.74 NMAC) applicants must estimate and report greenhouse gas (GHG) emissions to verify the emission rates reported in the public notice, determine applicability to 40 CFR 60 Subparts, and to evaluate Prevention of Significant Deterioration (PSD) applicability. GHG emissions that are subject to air permit regulations consist of the sum of an aggregate group of these six greenhouse gases: carbon dioxide (CO₂), nitrous oxide (N₂O), methane (CH₄), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).

Calculating GHG Emissions:

1. Calculate the ton per year (tpy) GHG mass emissions and GHG CO₂e emissions from your facility.
2. GHG mass emissions are the sum of the total annual tons of greenhouse gases without adjusting with the global warming potentials (GWPs). GHG CO₂e emissions are the sum of the mass emissions of each individual GHG multiplied by its GWP found in Table A-1 in 40 CFR 98 Mandatory Greenhouse Gas Reporting.
3. Emissions from routine or predictable start up, shut down, and maintenance must be included.
4. Report GHG mass and GHG CO₂e emissions in Table 2-P of this application. Emissions are reported in **short** tons per year and represent each emission unit's Potential to Emit (PTE).
5. All Title V major sources, PSD major sources, and all power plants, whether major or not, must calculate and report GHG mass and CO₂e emissions for each unit in Table 2-P.
6. For minor source facilities that are not power plants, are not Title V, and are not PSD there are three options for reporting GHGs in Table 2-P: 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHGs as a second separate unit; 3) or check the following ☐ By checking this box, the applicant acknowledges the total CO₂e emissions are less than 75,000 tons per year.

Sources for Calculating GHG Emissions:

- Manufacturer's Data
- AP-42 Compilation of Air Pollutant Emission Factors at <http://www.epa.gov/ttn/chief/ap42/index.html>
- EPA's Internet emission factor database WebFIRE at <http://cfpub.epa.gov/webfire/>
- 40 CFR 98 Mandatory Green House Gas Reporting except that tons should be reported in short tons rather than in metric tons for the purpose of PSD applicability.
- API Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Natural Gas Industry. August 2009 or most recent version.
- Sources listed on EPA's NSR Resources for Estimating GHG Emissions at <http://www.epa.gov/nsr/clean-air-act-permitting-greenhouse-gases>:

Global Warming Potentials (GWP):

Applicants must use the Global Warming Potentials codified in Table A-1 of the most recent version of 40 CFR 98 Mandatory Greenhouse Gas Reporting. The GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to that of one unit mass of CO₂ over a specified time period.

"Greenhouse gas" for the purpose of air permit regulations is defined as the aggregate group of the following six gases: carbon dioxide, nitrous oxide, methane, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. **(20.2.70.7 NMAC, 20.2.74.7 NMAC)**. You may also find GHGs defined in 40 CFR 86.1818-12(a).

Metric to Short Ton Conversion:

Short tons for GHGs and other regulated pollutants are the standard unit of measure for PSD and title V permitting programs. 40 CFR 98 Mandatory Greenhouse Reporting requires metric tons.

1 metric ton = 1.10231 short tons (per Table A-2 to Subpart A of Part 98 – Units of Measure Conversions)

Greenhouse Gas (GHG) Emissions

Greenhouse gas (GHG) emission calculations are provided. Carbon dioxide (CO₂), methane (CH₄) emissions, nitrous oxide (N₂O) (combustion sources only), and total GHG are reported in tons per year (tpy). Carbon dioxide equivalent (CO₂e) emissions (including CO₂, N₂O and CH₄) are reported in metric tonnes per year. The CO₂e is calculated by summing the estimated CO₂ emissions with the CH₄ emissions (adjusted for the Global Warming Potential (GWP) of the CH₄) and the N₂O emissions (adjusted for the GWP of the N₂O). The GWPs are from Title 40, Part 98 (40 CFR 98), *Mandatory Greenhouse Gas Reporting*, Table A-1.

The portion of 40 CFR 98, Table A-1 that includes the GWPs for CH₄ and N₂O is included in Section 7. 40 CFR 98, Subpart A (including Table A-1) is available for download in its entirety through the U.S. Government Publications Office (GPO) website at <http://ecfr.gpoaccess.gov/> under the “Code of Federal Regulations” link.

Non-Combustion Equipment GHG (General). The non-combustion GHG emissions from the facility are based on 40 CFR 98, Subpart W, *Petroleum and Natural Gas Systems*, or an appropriate method published in the American Petroleum Institute’s 2009 *Compendium of Greenhouse Gas Emission Estimates Methodologies for the Oil and Gas Industry* (API Compendium). The emission calculation methods used are noted in the GHG calculations spreadsheets.

40 CFR 98, Subpart W is published and available for download in its entirety through the U.S. Government Publications Office (GPO) website at <http://ecfr.gpoaccess.gov/> under the “Code of Federal Regulations” link. The API Compendium in its entirety is available at <http://www.api.org/environment-health-and-safety/climate-change/whats-new/compendium-ghg-methodologies-oil-and-gas-industry>

Excerpts of the cited 40 CFR 98 and API Compendium materials are provided in Section 7.

Pigging Receiving/Slug Catching Emissions GHG. GHG emissions from the slug receiver are calculated based on the total annual volume of gas (scf/yr) associated with the tpy of VOC emission releases and the molar fractions of CO₂ and CH₄ in the natural gas extended analysis.

The sum total CO₂e from the facility GHG including the proposed pigging PTE is below 75,000 tpy of CO₂e.

Green House Gas Emissions Data and Calculations

Sources	Pigging Total GHG Emissions				
	CO2, tpy	CH4, tpy	N2O, tpy	GHG, tpy	CO2e, tpy
Pig Launching & Receiving Emissions	3.57	68.06	--	71.63	1705.07
Facility GHG Totals	34,474.45	697.35	--	35,171.86	51,927.53

Pigging Emissions

Unit Number	Description	Emission Rates		
		VOC, tpy	CO2, tpy	CH4, tpy
PL	Pig Launching activities	7.21	1.78	33.89
PR	Pig Receiving activities	7.26	1.79	34.17
	Totals		3.57	68.06

The VOC emission rate is estimated (see calculations workbook)

CO2 Emission Rate (tpy) = VOC Emission Rate (tpy) x (Total Component Weight (lb/lb-mole) / VOC Component Weight (lb-lb-mole)) x (CO2 Weight % of Total (%) / 100)

CH4 Emission Rate (tpy) = VOC Emission Rate (tpy) x (Total Component Weight (lb/lb-mole) / VOC Component Weight (lb-lb-mole)) x (CH4 Weight % of Total (%) / 100)

Unit Number	Description	Total Gas Weight, lb/lb-mole	VOC Component Weight, lb/lb-mole	CO2 Weight % of Total, %	CH4 Weight % of Total, %
PL	Pig Launching activities	19.59	2.92	3.67	70.01
PR	Pig Receiving activities	19.59	2.92	3.67	70.01

The total & VOC component weights and CO2 & CH4 weight % of totals are calculated from the facility extended gas analysis

Gas Stream Composition

Components	Mole Percents, %	Molecular Weights, lb/lb-mole	Component Weights, lb/lb-mole	Weight Percent of Total, %	Emission Factors, lb/scf
Carbon Dioxide	1.6346	44.01	0.72	3.6716	0.0019
Hydrogen Sulfide	0.0000	34.07	0.00	0.0000	0.0000
Nitrogen	0.4098	28.01	0.11	0.5858	0.0003
Methane	85.5163	16.04	13.72	70.0082	0.0362
Ethane	7.0694	30.07	2.13	10.8495	0.0056
Propane	3.0073	44.09	1.33	6.7673	0.0035
IsoButane	0.5396	58.12	0.31	1.6006	0.0008
Normal Butane	0.8219	58.12	0.48	2.4380	0.0013
IsoPentane	0.3130	72.15	0.23	1.1526	0.0006
Normal Pentane	0.2362	72.15	0.17	0.8698	0.0004
Cyclopentane	0.0117	70.14	0.01	0.0419	0.0000
n-Hexane	0.0866	86.17	0.07	0.3809	0.0002
Cyclohexane	0.0283	84.16	0.02	0.1216	0.0001
Other Hexanes	0.1844	86.18	0.16	0.8111	0.0004
Heptanes	0.0494	100.20	0.05	0.2526	0.0001
Methylcyclohexane	0.0448	98.19	0.04	0.2245	0.0001
2,2,4-Trimethylpentane	0.0021	100.21	0.00	0.0107	0.0000
Benzene	0.0128	78.11	0.01	0.0510	0.0000
Toluene	0.0163	92.14	0.02	0.0767	0.0000
Ethylbenzene	0.0002	106.17	0.00	0.0011	0.0000
Xylenes	0.0018	106.17	0.00	0.0098	0.0000
C8+ heavies	0.0133	110.00	0.01	0.0747	0.0000
Total	99.9998		19.59	100.0000	0.0516
VOC			2.92	--	0.0077

Gas stream composition obtained from Thompson Inlet HP extended gas analysis dated 4/9/2021.

Note: The GHG calculations utilize the raw sampled gas analysis (i.e., not normalized to remove N2, CO2, C1 & C2) because it results in a more conservative estimate of GHG emissions.

Component Weights (lb/lb-mole) = [Mole Percents (%) / 100] x Molecular Weights (lb/lb-mole)

Weight Percent of Total (%) = 100 x Component Weights (lb/lb-mole) / Total Component Weight (lb/lb-mole)

Emission Factors (lb/scf) = [Mole Percents (%) / 100] x Molecular Weights (lb/lb-mole) / 379.4 scf/lb-mole

Section 7

Information Used To Determine Emissions

Information Used to Determine Emissions shall include the following:

- ☒ If manufacturer data are used, include specifications for emissions units and control equipment, including control efficiencies specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation.
 - ☐ If test data are used, include a copy of the complete test report. If the test data are for an emissions unit other than the one being permitted, the emission units must be identical. Test data may not be used if any difference in operating conditions of the unit being permitted and the unit represented in the test report significantly effect emission rates.
 - ☒ If the most current copy of AP-42 is used, reference the section and date located at the bottom of the page. Include a copy of the page containing the emissions factors, and clearly mark the factors used in the calculations.
 - ☐ If an older version of AP-42 is used, include a complete copy of the section.
 - ☒ If an EPA document or other material is referenced, include a complete copy.
 - ☒ Fuel specifications sheet.
 - ☒ If computer models are used to estimate emissions, include an input summary (if available) and a detailed report, and a disk containing the input file(s) used to run the model. For tank-flashing emissions, include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., permit or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.
-

Please see the following pages.

Extended Gas Analysis

Gas Composition

Components	Mole Percents, %	Molecular Weights, lb/lb-mole	Emission Factors, lb/scf
Carbon dioxide	1.6346	44.01	1.896E-03
Hydrogen sulfide	0.0000	34.07	0.000E+00
Nitrogen	0.4098	28.01	3.025E-04
Methane	85.5163	16.04	3.615E-02
Ethane	7.0694	30.07	5.603E-03
Propane	3.0073	44.09	3.495E-03
Isobutane	0.5396	58.12	8.266E-04
n-Butane	0.8219	58.12	1.259E-03
Isopentane	0.3130	72.15	5.952E-04
n-Pentane	0.2362	72.15	4.492E-04
Cyclopentane	0.0117	70.14	2.163E-05
n-Hexane	0.0866	86.17	1.967E-04
Cyclohexane	0.0283	84.16	6.278E-05
Other hexanes	0.1844	86.18	4.189E-04
Heptanes	0.0494	100.20	1.305E-04
Methylcyclohexane	0.0448	98.19	1.159E-04
2,2,4-Trimethylpentane	0.0021	114.23	6.323E-06
Benzene	0.0128	78.11	2.635E-05
Toluene	0.0163	92.14	3.959E-05
Ethylbenzene	0.0002	106.17	5.597E-07
Xylenes	0.0018	106.17	5.037E-06
C8+ Heavies	0.0133	110.00	3.856E-05
Total	99.9998		
Total VOC			7.688E-03

Gas stream composition obtained from Thompson Inlet HP extended gas analysis dated 4/9/2021.

Emission Factors (lb/scf) = (% / 100) x lb/lb-mole / 379.4 scf/lb-mole

Hydrocarbon compound Non-Detect (ND) responses in the analytical lab report are less than 1 ppm, and are reported as zero mole percent in the gas analysis used in the emission calculations.



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: HM2021023
Cust No: 33700-10045

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: THOMPSON INLET HP
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: 0103130

Source:
Well Flowing:
Pressure: 168 PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: 33,428 MCF/D
Sample Method:
Sample Date: 04/08/2021
Sample Time: 2.23 PM
Sampled By: DENNIS FERRARI
Sampled by (CO): HARVEST

Heat Trace:

Remarks: Calculated Molecular Weight = 19.6262

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.4098	0.4044	0.0450	0.00	0.0040
CO2	1.6346	1.6130	0.2800	0.00	0.0248
Methane	85.5163	84.3849	14.5370	863.71	0.4737
Ethane	7.0694	6.9759	1.8960	125.11	0.0734
Propane	3.0073	2.9675	0.8310	75.67	0.0458
Iso-Butane	0.5396	0.5325	0.1770	17.55	0.0108
N-Butane	0.8219	0.8110	0.2600	26.81	0.0165
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.3130	0.3089	0.1150	12.52	0.0078
N-Pentane	0.2362	0.2331	0.0860	9.47	0.0059
Neohexane	0.0085	N/R	0.0040	0.40	0.0003
2-3-Dimethylbutane	0.0112	N/R	0.0050	0.53	0.0003
Cyclopentane	0.0117	N/R	0.0030	0.44	0.0003
2-Methylpentane	0.0757	N/R	0.0320	3.59	0.0023
3-Methylpentane	0.0295	N/R	0.0120	1.40	0.0009
C6	0.0866	0.4458	0.0360	4.12	0.0026
Methylcyclopentane	0.0595	N/R	0.0210	2.68	0.0017
Benzene	0.0128	N/R	0.0040	0.48	0.0003
Cyclohexane	0.0283	N/R	0.0100	1.27	0.0008
2-Methylhexane	0.0094	N/R	0.0040	0.51	0.0003
3-Methylhexane	0.0102	N/R	0.0050	0.56	0.0004
2-2-4-Trimethylpentane	0.0021	N/R	0.0010	0.13	0.0001
i-heptanes	0.0061	N/R	0.0030	0.32	0.0002
Heptane	0.0237	N/R	0.0110	1.30	0.0008

Methylcyclohexane	0.0448	N/R	0.0180	2.34	0.0015
Toluene	0.0163	N/R	0.0050	0.73	0.0005
2-Methylheptane	0.0049	N/R	0.0030	0.30	0.0002
4-Methylheptane	0.0024	N/R	0.0010	0.15	0.0001
i-Octanes	0.0015	N/R	0.0010	0.09	0.0001
Octane	0.0042	N/R	0.0020	0.26	0.0002
Ethylbenzene	0.0002	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0016	N/R	0.0010	0.08	0.0001
o Xylene (& 2,2,4 tmc7)	0.0002	N/R	0.0000	0.01	0.0000
i-C9	0.0001	N/R	0.0000	0.01	0.0000
C9	0.0002	N/R	0.0000	0.01	0.0000
i-C10	0.0000	N/R	0.0000	0.00	0.0000
C10	0.0000	N/R	0.0000	0.00	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0000	N/R	0.0000	0.00	0.0000
C12P	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	98.677	18.409	1152.58	0.6766

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.003	CYLINDER #:	06
BTU/CU.FT IDEAL:	1155.2	CYLINDER PRESSURE:	161 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1158.7	ANALYSIS DATE:	04/13/2021
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1138.5	ANALYSIS TIME:	03:59:30 AM
DRY BTU @ 15.025:	1181.9	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:	0.6783		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA 2286-14

GC: SRI Instruments 8610 Last Cal/Verify: 04/15/2021

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: THOMPSON INLET HP
Stn. No.: 0103130
Mtr. No.:

04/15/2021
33700-10045

Smpl Date:	04/08/2021	04/20/2020	04/03/2019	12/10/2018
Test Date:	04/13/2021	04/29/2020	04/04/2019	12/11/2018
Run No:	HM2021023	HM200021	HM190017	HM180010
Nitrogen:	0.4098	0.3941	0.4427	0.4679
CO2:	1.6346	1.8701	2.3119	1.6591
Methane:	85.5163	85.7820	86.6880	85.6228
Ethane:	7.0694	6.7564	5.8366	7.0170
Propane:	3.0073	2.9378	2.6325	2.9419
I-Butane:	0.5396	0.5371	0.4870	0.5535
N-Butane:	0.8219	0.8052	0.7153	0.8352
2,2 dmc3:	0.0000	0.0000	0.0065	0.0021
I-Pentane:	0.3130	0.2863	0.2800	0.3013
N-Pentane:	0.2362	0.2165	0.2057	0.2189
Neohexane:	0.0085	0.0015	0.0068	0.0096
2-3-	0.0112	0.0094	0.0107	0.0090
Cyclopentane:	0.0117	0.0098	0.0112	0.0094
2-Methylpentane:	0.0757	0.0632	0.0722	0.0609
3-Methylpentane:	0.0295	0.0301	0.0299	0.0261
C6:	0.0866	0.0752	0.0770	0.0706
Methylcyclopentane:	0.0595	0.0521	0.0522	0.0534
Benzene:	0.0128	0.0110	0.0101	0.0120
Cyclohexane:	0.0283	0.0265	0.0268	0.0248
2-Methylhexane:	0.0094	0.0106	0.0090	0.0086
3-Methylhexane:	0.0000	0.0000	0.0000	0.0000
2-2-4-	0.0021	0.0026	0.0013	0.0019
i-heptanes:	0.0061	0.0066	0.0056	0.0053
Heptane:	0.0237	0.0242	0.0188	0.0193
Methylcyclohexane:	0.0448	0.0434	0.0347	0.0352
Toluene:	0.0163	0.0153	0.0092	0.0118
2-Methylheptane:	0.0049	0.0064	0.0031	0.0037
4-Methylheptane:	0.0024	0.0033	0.0015	0.0019
i-Octanes:	0.0015	0.0023	0.0009	0.0013
Octane:	0.0042	0.0062	0.0025	0.0032
Ethylbenzene:	0.0002	0.0003	0.0001	0.0002
m, p Xylene:	0.0016	0.0028	0.0009	0.0015
o Xylene (& 2,2,4	0.0002	0.0002	0.0001	0.0002
i-C9:	0.0001	0.0004	0.0002	0.0004
C9:	0.0002	0.0007	0.0002	0.0003
i-C10:	0.0000	0.0000	0.0001	0.0002
C10:	0.0000	0.0001	0.0002	0.0003
i-C11:	0.0000	0.0000	0.0000	0.0000
C11:	0.0000	0.0001	0.0000	0.0000
C12P:	0.0000	0.0000	0.0000	0.0000
BTU:	1158.7	1150.0	1128.7	1153.6
GPM:	18.4290	18.3700	18.2120	18.3930
SPG:	0.6783	0.6764	0.6704	0.6760

Section 9

Proof of Public Notice

(for NSR applications submitting under 20.2.72 or 20.2.74 NMAC)

(This proof is required by: 20.2.72.203.A.14 NMAC “Documentary Proof of applicant’s public notice”)

☒ **I have read the AQB “Guidelines for Public Notification for Air Quality Permit Applications”**

This document provides detailed instructions about public notice requirements for various permitting actions. It also provides public notice examples and certification forms. Material mistakes in the public notice will require a re-notice before issuance of the permit.

Unless otherwise allowed elsewhere in this document, the following items document proof of the applicant’s Public Notification. Please include this page in your proof of public notice submittal with checkmarks indicating which documents are being submitted with the application.

New Permit and **Significant Permit Revision** public notices must include all items in this list.

Technical Revision public notices require only items 1, 5, 9, and 10.

Per the Guidelines for Public Notification document mentioned above, include:

1. ☒ A copy of the certified letter receipts with post marks (20.2.72.203.B NMAC)
 2. ☒ A list of the places where the public notice has been posted in at least four publicly accessible and conspicuous places, including the proposed or existing facility entrance. (e.g: post office, library, grocery, etc.)
 3. ☒ A copy of the property tax record (20.2.72.203.B NMAC).
 4. ☒ A sample of the letters sent to the owners of record.
 5. ☒ A sample of the letters sent to counties, municipalities, and Indian tribes.
 6. ☒ A sample of the public notice posted and a verification of the local postings.
 7. ☒ A table of the noticed citizens, counties, municipalities and tribes and to whom the notices were sent in each group.
 8. ☒ A copy of the public service announcement (PSA) sent to a local radio station and documentary proof of submittal.
 9. ☒ A copy of the classified or legal ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
 10. ☒ A copy of the display ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
 11. ☒ A map with a graphic scale showing the facility boundary and the surrounding area in which owners of record were notified by mail. This is necessary for verification that the correct facility boundary was used in determining distance for notifying land owners of record.
-

San Juan County is classified as an “A” county, according to the New Mexico Department of Finance and Administration (http://www.nmdfa.state.nm.us/County_Classifications.aspx). As such, according to 20.2.72.203.B(1)(a) NMAC, public notice must be provided by certified mail to the owners of record within one hundred (100) feet of the property on which the facility is located.

Table 1 identifies the land owners within 100 feet of the property on which the Thompson Compressor Station is located, that received public notice letters of the proposed permit modification. Land owner

information was obtained from the San Juan County Assessor's Office online map at <https://webmaps.sjcounty.net/portal/apps/webappviewer/index.html?id=e970ec2c29e74b37b8440dfe364c3dbf>. Please see the attached maps with property owner listings. (Note the distance scale on the lower part of the graphic. (100 feet \approx 30.5 meters.)

Table 1

Land Owners Receiving Public Notice Letters Within 100 Feet of the Property on Which the Thompson Compressor Station is Located	
Federal Bureau of Land Management (BLM)	Douglas and Joyce Fae Marshall
Arthur G and Wilma J Arinder	Dwight Mead
Christina Corporation	Fernando Pena
Jennifer Karbasan	

20.2.72.203.B(2) NMAC requires public notice be provided by certified mail to all municipalities, counties in which the facility is located, and to municipalities, counties and Indian Tribes within a 10 mile radius of the property on which the facility is located.

Table 2 identifies the counties, municipalities and tribes located within ten miles of the Thompson Compressor Station that received public notice letters.

Table 2

Municipalities, Counties and Tribes Within 10 Miles of Thompson Compressor Station Receiving Public Notice Letters	
Municipalities	Addressed to
City of Aztec	City Clerk
City of Bloomfield	City Clerk
City of Farmington	City Clerk
Counties	Addressed to
San Juan County	County Clerk
Tribes	Addressed to
Navajo Nation	Program Supervisor, Air Quality Control Program
Mountain Ute Tribe	Environmental Programs Department



Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
Phone: 505/632-4600
Fax: 505/209632-4782
harvestmidstream.com

CERTIFIED MAIL 7020 1810 0002 2768 4990

January 12, 2022

Bureau of Land Management
6251 College Blvd., Suite A
Farmington, NM 87402

Dear Madam or Sir,

Harvest Four Corners, LLC (HFC) announces its application to the New Mexico Environment Department (NMED) for an air quality permit modification for its natural gas gathering and compression station known as the **Thompson Compressor Station**. The expected date of application submittal to the Air Quality Bureau is on or near December 20, 2021.

The exact location of the facility is latitude 36° 50' 4.0" and longitude -108° 05' 53.3" in San Juan County, New Mexico, approximately 0.6 miles north-northwest of the junction of county roads 3535 and 3536.

Harvest proposes to increase allowable annual emissions of volatile organic compounds (VOC) from its pipeline maintenance activities known as "pigging", from 1.8 tons per year (tpy) to 14.5 tpy. No other changes to the permit are requested.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Pounds per hour	Tons per year
Nitrogen Oxides (NO _x)	17.0	74.3
Carbon Monoxide (CO)	23.2	101.4
Volatile Organic Compounds (VOC)	35.3	192.3
Sulfur Dioxide (SO ₂)	0.2	0.9
Particulate Matter (PM)	0.4	1.8
Particulate Matter less than 10 um diameter (PM ₁₀)	0.4	1.8
Particulate Matter less than 10 um diameter (PM _{2.5})	0.4	1.8
Total sum of all Hazardous Air Pollutants (HAPs)	11.2	18.4
Green House Gas Emissions as Total CO ₂ e	n/a	51,928

The standard and maximum operating schedule of the facility will continue to be from midnight to midnight (24 hours a day), seven days a week, 52 weeks a year.

The owner/operator of the facility is Harvest Four Corners LLC, 1755 Arroyo Drive, Bloomfield,

New Mexico, 87413.

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816; (505) 476-4300; 1 800 224-7009; https://www.env.nm.gov/aqb/permit/aqb_draft_permits.html. Other comments and questions may be submitted verbally.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-476-5557.

Sincerely,



Oakley Hayes

Environmental Specialist

Harvest Four Corners LLC

1755 Arroyo Drive

Bloomfield, NM 87413

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kristine Yurdin, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.



Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
Phone: 505/632-4600
Fax: 505/209632-4782
harvestmidstream.com

CERTIFIED MAIL 7020 1810 0002 2768 5003

January 12, 2022

City Clerk
Aztec City Hall
201 W. Chaco
Aztec, NM 87410

Dear Madam or Sir,

Harvest Four Corners, LLC (HFC) announces its application to the New Mexico Environment Department (NMED) for an air quality permit modification for its natural gas gathering and compression station known as the **Thompson Compressor Station**. The expected date of application submittal to the Air Quality Bureau is on or near December 20, 2021.

The exact location of the facility is latitude 36° 50' 4.0" and longitude -108° 05' 53.3" in San Juan County, New Mexico, approximately 0.6 miles north-northwest of the junction of county roads 3535 and 3536.

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Total sum of all Hazardous Air Pollutants (HAPs)	11.2	18.4
Green House Gas Emissions as Total CO ₂ e	n/a	51,928

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The owner/operator of the facility is Harvest Four Corners LLC, 1755 Arroyo Drive, Bloomfield, New Mexico, 87413.

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Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

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Sincerely,



Oakley Hayes
Environmental Specialist

Harvest Four Corners LLC
1755 Arroyo Drive
Bloomfield, NM 87413

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NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kristine Yurdin, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

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☐ Return Receipt (hardcopy) \$0.00
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☐ Adult Signature Required \$0.00
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0620 15

JAN 12 2022
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Sent To Air Quality Program Manager
Street and Apt. No., or PO Box No. P.O. Box #448
City, State, ZIP+4® Towaco, CO 81334

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 1810 0002 2768 5065

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☐ Return Receipt (electronic) \$0.00
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☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

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JAN 12 2022
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Sent To Arthur G. and Wilma J. Arinder
Street and Apt. No., or PO Box No. P.O. Box 846
City, State, ZIP+4® Aztec, NM 87410-0846

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☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

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Sent To Bureau of Land Management
Street and Apt. No., or PO Box No. 6251 College Blvd, Suite A
City, State, ZIP+4® Farmington, NM 87402

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

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JAN 12 2022
Postmark Here

01/12/2022

Sent To Christina Corporation
Street and Apt. No., or PO Box No. 3109 Palomas Circle
City, State, ZIP+4® Farmington, NM 87401

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Aztec, NM 87410

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

0620 15

JAN 12 2022
Postmark Here

01/12/2022

Sent To City Clerk - Aztec City Hall
Street and Apt. No., or PO Box No. 201 W. Chaco
City, State, ZIP+4® Aztec, NM 87410

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 1810 0002 2768 5010

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For delivery information, visit our website at www.usps.com®.
Bloomfield, NM 87413

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

0620 15

JAN 12 2022
Postmark Here

01/12/2022

Sent To City Clerk - City of Bloomfield
Street and Apt. No., or PO Box No. 915 N. First Street
City, State, ZIP+4® Bloomfield, NM 87413

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 1810 0002 2768 5027

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Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To City Clerk - City of Farmington
Street and Apt. No., or PO Box No. 800 Municipal Drive
City, State, ZIP+4® Farmington, NM 87401

PS Form 3800, April 2015 PSN 7530-02-000-9047

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☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To County Clerk - San Juan County
Street and Apt. No., or PO Box No. 100 S. Oliver Drive
City, State, ZIP+4® Aztec, NM 87410

PS Form 3800, April 2015 PSN 7530-02-000-9047

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7021 0950 0000 2267 9374

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For delivery information, visit our website at www.usps.com®.
Flora Vista, NM 87415

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To Douglas I and Joyce Fae Marshall
Street and Apt. No., or PO Box No. P.O. Box 807
City, State, ZIP+4® Flora Vista, NM 87415-0807

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7021 0950 0000 2267 9398

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Flora Vista, NM 87415

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To Fernando Pena
Street and Apt. No., or PO Box No. P.O. Box #183
City, State, ZIP+4® Flora Vista, NM 87415

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7021 0950 0000 2267 9367

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

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Aztec, NM 87410

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To Jennifer Karbasan
Street and Apt. No., or PO Box No. 193 Road 2772
City, State, ZIP+4® Aztec, NM 87410-9106

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 1810 0002 2768 5058

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.
Fort Defiance, AZ 86504

Certified Mail Fee \$3.75
\$0.00
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.58
Total Postage and Fees \$4.33

Sent To Navajo Nation - Air Quality Control Program
Street and Apt. No., or PO Box No. Route 112 N. Bldg. #2427
City, State, ZIP+4® Fort Defiance, AZ 86504

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7021 0950 0000 2267 9381

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Farmington, NM 87401

Certified Mail Fee	\$3.75
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.58
\$	
Total Postage and Fees	\$4.33
\$	

BRAIRPORT STATION
0620 15
Postmark
Here
JAN 12 2022
01/12/2022

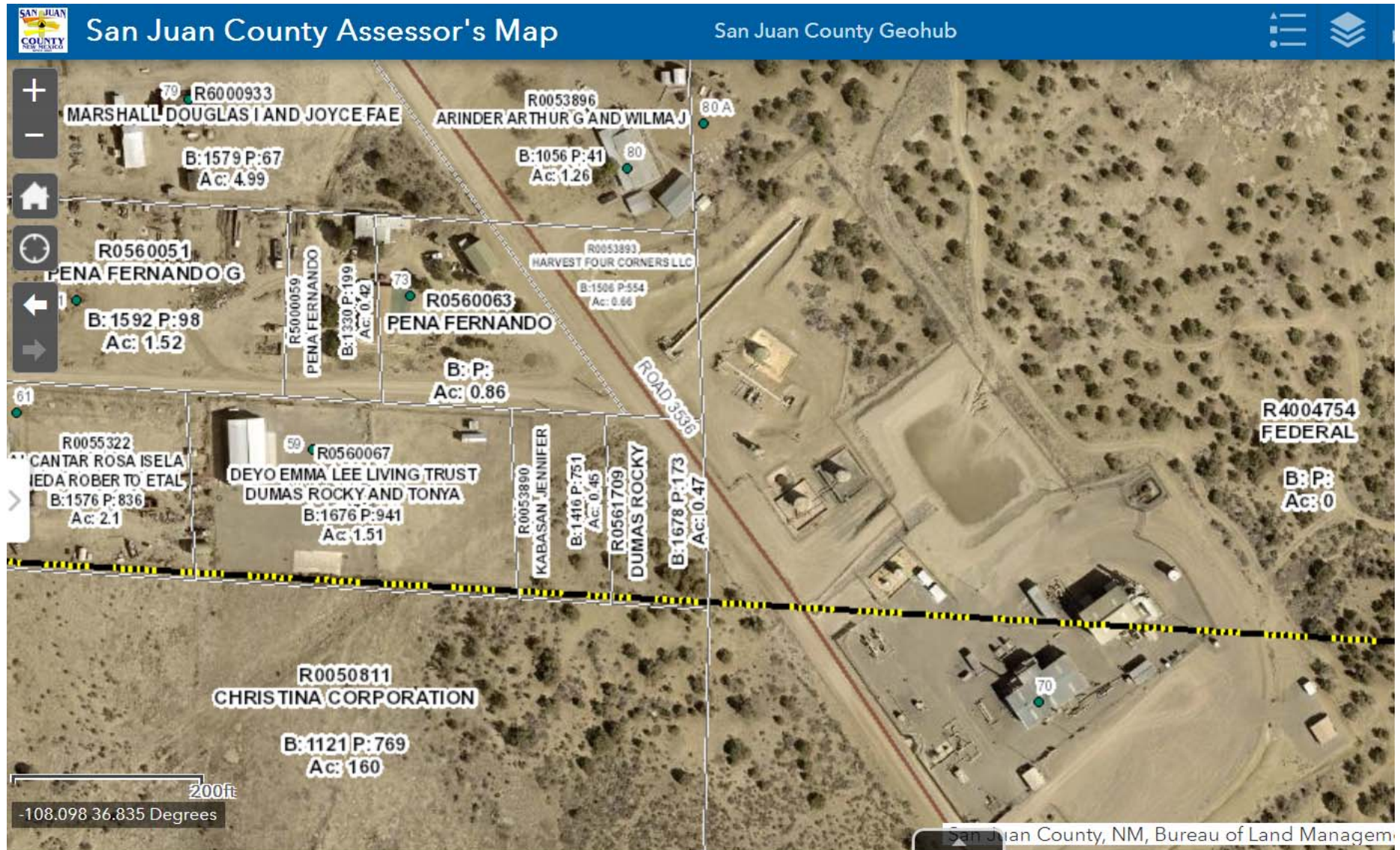
Sent To **Rocky Dumas**
Street and Apt. No., for PO Box No. **620 Venada Circle**
City, State, ZIP+4® **Farmington, NM 87401**

PS Form 3800, April 2015 PSN 7530-02-000-9047

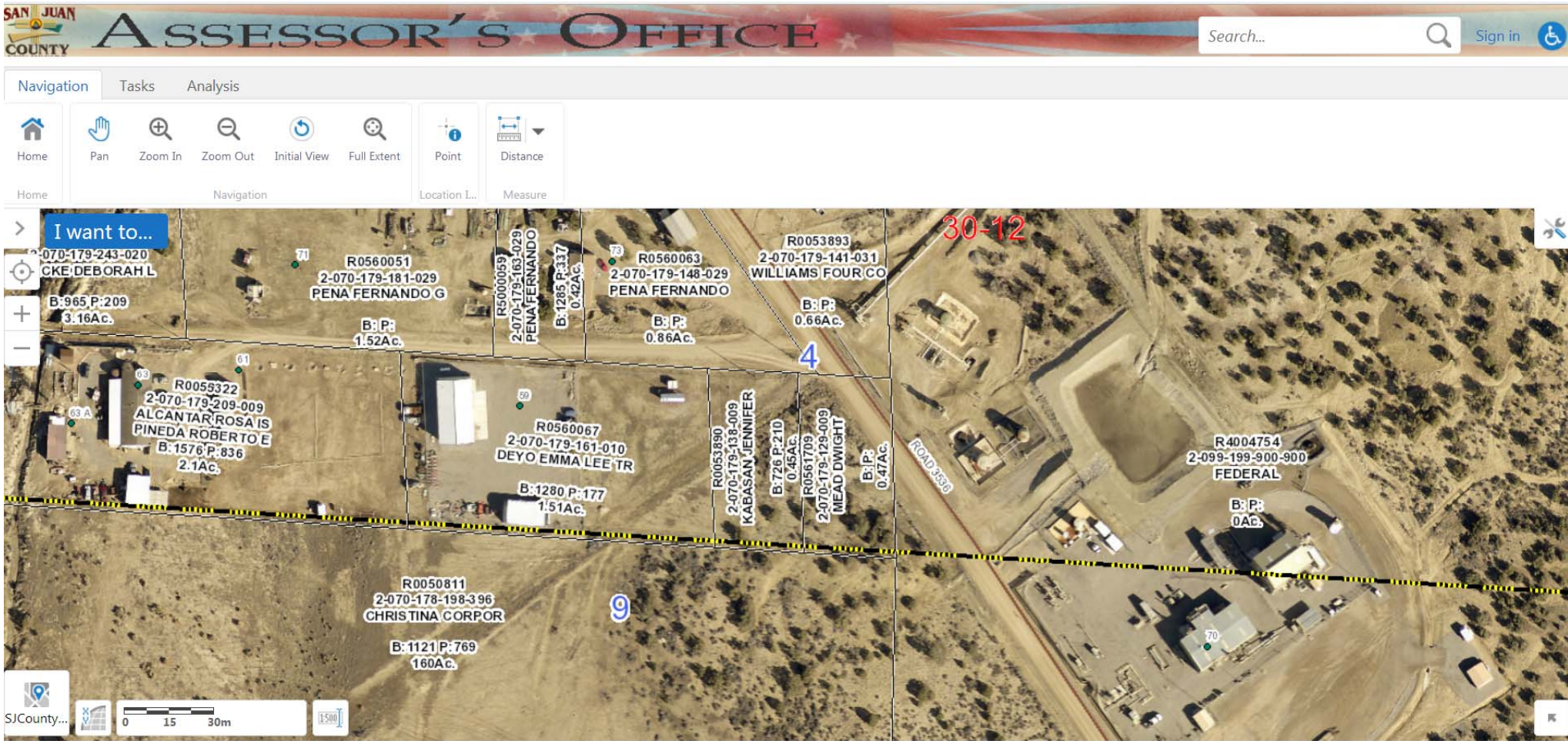
See Reverse for Instructions

Thompson Compressor Station – December, 2021 adjacent parcel owners of record:

Parcel R0561709 to the west of the liquid storage tanks: 2018 Previous owner D. Mead. Parcel R0561709 is now owned by Rocky Dumas.
All other parcel owners are the same as in 2018.



Thompson Compressor Station adjacent parcel ownership: 2018 parcel owners on record:





Parcel	
OBJECTID	43363
PARCELNO	2099199900900
ShapeArea	2,692,332,226.28
Shape	
OBJECTID	43,501
ACCOUNTNO	R4004754
PARCELNB	2099199900900
NAME1	FEDERAL
NAME2	
ADDRESS	
CITYSTATEZIP	
RECEPTNO	
BOOK	
PAGE	
GrossAcres	0.00
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	
LEGAL2	
AssessorsLink	More info
LocationAddress	
LocationCity	FARMINGTON
LocationZip	
ACCTTYPE	EXEMPT
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID	14786
PARCELNO	2070179187071
ShapeArea	117,822.98
Shape	
OBJECTID	42,079
ACCOUNTNO	R6000933
PARCELNB	2070179187071
NAME1	MARSHALL DOUGLAS I AND JOYCE FAE
NAME2	
ADDRESS	PO BOX 807
CITYSTATEZIP	FLORA VISTA, NM 874150807
RECEPTNO	2014-11751
BOOK	1579
PAGE	67
GrossAcres	4.99
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG N03-04-40W 389.87 FT AND S86-43-42E 456 FT FROM S1/4 COR 4 30 12. THENCE S86-43-42E 582.56 FT TO CENTERLINE RD, N35-34-10W 234.16 FT, N86-41-50W 448.65 FT, S03-04-40E 194.16 FT TO BEG. BK.1532 PG.786 ALSO, BEG N03-04-40W 583.89 FT AND S86-43-42E 228
LEGAL2	
AssessorsLink	More info
LocationAddress	79 ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	RESIDENTIAL
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0



Parcel

OBJECTID	14875
PARCELNO	2070179143040
ShapeArea	55,108.86
Shape	
OBJECTID	39,027
ACCOUNTNO	R0053896
PARCELNB	2070179143040
NAME1	ARINDER ARTHUR G AND WILMA J
NAME2	
ADDRESS	PO BOX 846
CITYSTATEZIP	AZTEC, NM 874100846
RECEPTNO	1056-41
BOOK	1056
PAGE	41
GrossAcres	1.26
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG N03-04-40-E 389.73 FT AND S86-43-42 E 1038.56 FT FROM S1/4 COR 04 30 12 THENCE S86-43-42-E 216.19 FT, N2-11-50-W 194.16 FT, N86-43-42-W 353.13 FT, S35-34-10-E 247.74 FT TO BEG. 1.26 AC BK.1219 PG.522
LEGAL2	
AssessorsLink	More info
LocationAddress	80 ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	RESIDENTIAL
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID	14029
PARCELNO	2070179129009
ShapeArea	20,205.33
Shape	
OBJECTID	32,520
ACCOUNTNO	R0561709
PARCELNB	2070179129009
NAME1	DUMAS ROCKY
NAME2	
ADDRESS	620 VENADA CIR
CITYSTATEZIP	FARMINGTON, NM 87401
RECEPTNO	202113301
BOOK	1678
PAGE	173
GrossAcres	0.47
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG AT S 1/16 BLM BRASS CAP AT SE1/4 OF SEC 04 30 12. THENCE N02-11E 194.5 FT, N86-44W 102.86 FT, S02-14-46W 194.5 FT, S86-44E 102.16 FT TO BEG. BK.1678 PG.174
LEGAL2	
AssessorsLink	More info
LocationAddress	ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	VACANT_LAND
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID	14870
PARCELNO	2070179161010
ShapeArea	66,626.98
Shape	
OBJECTID	32,032
ACCOUNTNO	R0560067
PARCELNB	2070179161010
NAME1	DEYO EMMA LEE LIVING TRUST
NAME2	DUMAS ROCKY AND TONYA
ADDRESS	620 VENADA CIR
CITYSTATEZIP	FARMINGTON, NM 87401
RECEPTNO	202111953
BOOK	1676
PAGE	941
GrossAcres	1.51
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG S86-44E 708 FT FROM S1/4 CORNER OF SEC 04 30 12. THENCE S86-44E 339.16 FT, N02-14-46W 194.5 FT, N86-44W 339.87 FT, S02-34-44E 194.50 FT TO BEG. BK.1597 PG.185 ESC BK.1676 PG.941
LEGAL2	
AssessorsLink	More info
LocationAddress	59 ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	COMMERCIAL
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID 20597
PARCELNO 2070178198396
ShapeArea 6,413,720.22
Shape
OBJECTID 35,406
ACCOUNTNO R0050811
PARCELNB 2070178198396
NAME1 CHRISTINA CORPORATION
NAME2
ADDRESS 3109 PALOMAS CIR
CITYSTATEZIP FARMINGTON, NM 87401
RECEPTNO 1121-769
BOOK 1121
PAGE 769
GrossAcres 160.00
SUBNO
SUBNAME
LOT
BLOCK
TRACT
ReviewFlag 0
LEGAL1 W1/2NE, W1/2SE 9 30 12 B.1133 P.44
LEGAL2
AssessorsLink [More info](#)
LocationAddress ROAD 3536
LocationCity FARMINGTON
LocationZip
ACCTTYPE VACANT_LAND
ACCTTYPE 0
ACCOUNTNO 0
PARCELNB 0
NAME1 0
NAME2 0
ADDRESS 0
CITYSTATEZIP 0
RECEPTNO 0
BOOK 0
PAGE 0
GrossAcres 0.00
OBJECTID 0
SUBNAME 0
LOT 0



Parcel

OBJECTID	14872
PARCELNO	2070179148029
ShapeArea	36,557.77
Shape	
OBJECTID	32,028
ACCOUNTNO	R0560063
PARCELNB	2070179148029
NAME1	PENA FERNANDO
NAME2	
ADDRESS	PO BOX 183
CITYSTATEZIP	FLORA VISTA, NM 87415
RECEPTNO	
BOOK	
PAGE	
GrossAcres	0.86
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG N02*04'W 389.30 FT & S86*43'E 911.39 FT FROM S1/4 COR 043012 S02*14'E 194.70 FT; S86*44'E 262.10 FT; N35*20'W 247.7 FT; N86*43'W 127.13 FT TO BEG .86 AC B.1225 P.498
LEGAL2	
AssessorsLink	More info
LocationAddress	ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	VACANT_LAND
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID	14873
PARCELNO	2070179163029
ShapeArea	18,676.38
Shape	
OBJECTID	41,121
ACCOUNTNO	R5000059
PARCELNB	2070179163029
NAME1	PENA FERNANDO
NAME2	
ADDRESS	PO BOX 183
CITYSTATEZIP	FLORA VISTA, NM 87415
RECEPTNO	2001-16172
BOOK	1330
PAGE	199
GrossAcres	0.42
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG N2°04'W 389.30 FT AND S86°43'E 821.93 FT FR S1/4 COR OF 04 30 12 TH S86°43'E 89.46 FT; S2°14'E 194.70 FT; N86°44'W 103.26 FT; N1°49'E 193.87 FT TO BEG. .42 AC M/L B.1285 P.337
LEGAL2	
AssessorsLink	More info
LocationAddress	73 ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	RESIDENTIAL
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0
LOT	0



Parcel

OBJECTID	14869
PARCELNO	2070179138009
ShapeArea	19,463.55
Shape	
OBJECTID	22,766
ACCOUNTNO	R0053890
PARCELNB	2070179138009
NAME1	KABASAN JENNIFER
NAME2	
ADDRESS	193 ROAD 2772
CITYSTATEZIP	AZTEC, NM 87410-9106
RECEPTNO	2005-15723
BOOK	1416
PAGE	751
GrossAcres	0.45
SUBNO	
SUBNAME	
LOT	
BLOCK	
TRACT	
ReviewFlag	0
LEGAL1	BEG AT S1/4 COR 04 30 12, TH N3°04'W 389.73 FT, S86°43'E 1254.75 FT, S2°11'E 389 FT, N88°44'W 1248.72 FT TO BEG. B.1416 P.751 LESS 2.08 AC ESC B.968 P.107 LESS 2 A ESC B.965 P.414 LESS 2.10 AC B.1152 P.479 LESS 1.12 AC (OF A 3.12 AC TRACT) B.1186
LEGAL2	
AssessorsLink	More info
LocationAddress	ROAD 3536
LocationCity	FLORA_VISTA
LocationZip	
ACCTTYPE	VACANT_LAND
ACCTTYPE	0
ACCOUNTNO	0
PARCELNB	0
NAME1	0
NAME2	0
ADDRESS	0
CITYSTATEZIP	0
RECEPTNO	0
BOOK	0
PAGE	0
GrossAcres	0.00
OBJECTID	0
SUBNAME	0

**Legal Notices****Legal Notices****Legal Notices****NOTICE OF AIR QUALITY PERMIT APPLICATION**

Harvest Four Corners LLC announces its intent to apply to the New Mexico Environment Department (NMED) for an air quality permit modification for its natural gas pipeline compressor station facility known as the **Thompson Compressor Station**. The expected date of application submittal to the Air Quality Bureau is on or near December 20, 2021.

The exact location of the facility is latitude 36° 50' 4.0" and longitude -108° 05' 53.3" in San Juan County, New Mexico, approximately 0.6 miles north-northwest of the junction of county roads 3535 and 3536.

Harvest proposes to increase allowable annual emissions of volatile organic compounds (VOC) from its pipeline maintenance activities known as "pigging", from 1.8 tons per year (tpy) to 14.5 tpy. No other changes to the permit are requested.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and tons per year (tpy) and could change slightly during the course of the Department's review:

Pollutant:	Pounds per hour	Tons per year
Nitrogen Oxides (NOx)	17.0	74.3
Carbon Monoxide (CO)	23.2	101.4
Volatile Organic Compounds (VOC)	35.3	192.3
Sulfur Dioxide (SO2)	0.2	0.9
Particulate Matter (PM)	0.4	1.8
PM 10	0.4	1.8
PM 2.5	0.4	1.8
Total sum of all Hazardous Air Pollutants (HAPs)	11.2	18.4
Green House Gas Emissions as Total CO2e	n/a	51,928

The standard and maximum operating schedules of the facility will be from midnight to midnight, 7 days a week, 52 weeks per year

The owner and/or operator of the Facility is:

Harvest Four Corners, LLC, 1755 Arroyo Drive, Bloomfield, NM 87413

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816; (505) 476-4300; 1 800 224-7009; https://www.env.nm.gov/permit/aqb_draft_permits.html. Other comments and questions may be submitted verbally.

Please refer to the company name and site name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-476-5557.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

Legal No. 5051878 published in the Daily Times on 12/22/21.

Classifieds

To advertise, visit:

classifieds.daily-times.com

- Classifieds Phone: **505.564.4566**
- Classifieds Email: **classifieds@daily-times.com**
- Public Notices/Legals Email: **legals@daily-times.com**



All classified ads are subject to the applicable rate card, copies of which are available from our Advertising Dept. All ads are subject to approval before publication. The Farmington Daily Times reserves the right to edit, refuse, reject, classify or cancel any ad at any time. Errors must be reported in the first day of publication. The Farmington Daily Times shall not be liable for any loss or expense that results from an error in or omission of an advertisement. No refunds for early cancellation of order.

Healthcare - Dental

DENTAL ASSISTANT*FULLTIME*EMAIL RESUMES TO onakidskare@gmail.com

- Gather patient information and health background
 - Prepare the work area for procedures
 - Take x-rays of patients' teeth when necessary and display results for the dentist
 - Assist the dentist during examinations and dental procedures
 - Prepare materials for crowns or dental impressions
 - Educate patients on good oral hygiene habits
 - Restock treatment areas and monitor inventory
- Great Pay.DOE**

General

General

General

Dzilth-Na-O-Dith-Hle Community School

Going towards Albuquerque, we are located 40 miles from Farmington and 25 miles south of Bloomfield. The school is near the base of Dzilth-Na-O-Dith-Hle mesa.

35 Road 7585 Box 5003 • Bloomfield NM 87413
Phone 505-960-0356 • Fax 505-960-8563

Vacancy School Year 2020/21 OPEN UNTIL FILLED

Certified

Requires N.M. Licensure
Elementary Teacher
English Language Arts Teacher
Math Teacher
Navajo Language Teacher
School Counselor/Social Worker
Special Education Teacher

Classified

Administrative Assistant Custodians
Residential Advisors
Secretary

DCGS Is a Navajo/Indian Preference
School Website: <http://dzilth.net>

Background check required

TX-GC0789719-01

General

Phlebotomy Certification Class

(Blood Drawing)
Jan 22nd & 23rd
\$350 Farmington
Call 505-410-7899
Swphlebotomy.net

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Pets

all your favorites...

Domestic Pets

German Shepherd puppies for sale. No papers, original. 9wks old. \$350ea. By appt. Call 505-592-2667

Assorted

Stuff

all kinds of things...

Firewood and Fuel

Dry Pine Spruce & Doug Fir Firewood. You pick up/Bayfield \$210/cord. Call or text Gabe 970-403-2784

Real Estate

Homes

starting fresh...

Acreage

Mobile Home lot for sale or rent in Farmington; also 7 acres in Bloomfield, sale/rent. Owner will finance. 505-793-0313

Vehicles

Recreation

RVs, motorcycles, etc.

Recreational Vehicle

2006 Holiday Rambler, 29 ft 5th wheel, in good condition. 505-320-0389

General

MEDICAL

Established Medical Office is looking for 2 positions to work in our Farmington office.

1.) Experienced Medical Assistant: Applicant must have knowledge of medical office procedures, computer skills, personable, good phone etiquette, and good patient care practices. Applicant should be reliable, organized, and energetic and able to work well with others.

Our second position is a front desk receptionist. This position also requires a reliable, organized employee with a desire to help others. Prior work in the medical field is required. These are both full time positions and requires that right candidate works well with others. Please send resumes to bstolworthy@southwestmgt.com.

General

General



Sexual Assault Services
OF NORTHWEST NEW MEXICO

622 W. Maple, Suite F ~ Farmington, NM 87401
Office: (505) 325-2805 ~ Fax: (505) 326-2557
Crisis Hotline: (505) 326-4700 or Toll Free: 1-866-908-4700

Sexual Assault Nurses Examiners (SANE) Needed!

This is a great opportunity to expand your nursing skills to become a Sexual Assault Nurse Examiner (SANE). Minimum requirements: RN license, 2 years nursing experience, live within 1 hour of Farmington, NM and available to attend all mandatory training in Albuquerque: April 29-30 & May 1, 2022. Additional clinical preceptorship also required. This is a part-time, on-call position; Minimum 72-hours per month required. Mon-Fri daytime shifts are a priority, but evening and weekend shifts are also available.

For more information, contact Eleana Butler, Executive Director, at Sexual Assault Services of Northwest New Mexico: (505) 325-2805. Submit resumes and letter of interest to eleana@sasnnm.org or 622 Maple, Ste. F, Farmington, NM 87401.

Final deadline to apply: February 28, 2022

TX-GC0794569-01

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furniture computers and so much more

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Legal Notices

Legal Notices

Legal Notices

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Harvest proposes to increase allowable annual emissions of volatile organic compounds (VOC) from its pipeline maintenance activities known as "pigging", from 1.8 tons per year (tpy) to 14.5 tpy. No other changes to the permit are requested.

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Sulfur Dioxide (SO2)	0.2	0.9
Particulate Matter (PM)	0.4	1.8
PM 10	0.4	1.8
PM 2.5	0.4	1.8
Total sum of all Hazardous Air Pollutants (HAPs)	11.2	18.4
Green House Gas Emissions as Total CO2e	n/a	51,928

The standard and maximum operating schedules of the facility will be from midnight to midnight, 7 days a week, 52 weeks per year

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Legal No. 5051878 published in the Daily Times on 12/22/21.



We Are LOOKING

For coal miners with experience operating underground equipment in room and pillar operations.

- Roofbolters at \$35 per hour
- Continuous Miner Operators at \$35 per hour
- Colorado Certified Electricians at \$37 per hour

If not CO certified, must receive certification within 6 months of hire date.

Benefits:

- \$10,000.00 annual retention bonus for underground miners
- \$5,000.00 annual retention bonus for surface personnel
- \$2,500.00 relocation allowance
- Will cover up to \$7,500.00 of moving expenses
- 9 months of living accommodations
- 401K matching program
- Family health, dental and vision coverage



Send Us Your Resume

hiring@newelcoal.com

About Our Company:

New Elk Coal is an underground steelmaking coal mine located in beautiful southern Colorado, just 30 miles west of Trinidad. We have 800 million tons of coking coal for steel production, are a multigenerational mine, and at peak production will be among the lowest cost producers in the U.S. and globally. We have already started operations and have sold 80,000 tons of coal.

For more information contact: James Morris at (205) 470-2514 or hiring@newelcoal.com Visit our website at www.newelcoal.com

TX-GC0785480-06

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PM 2.5	0.4	1.8
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The owner and/or operator of the Facility is:
Harvest Four Corners, LLC, 1755 Arroyo Drive, Bloomfield, NM 87413

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816; (505) 476-4300; 1 800 224-7009; https://www.env.nm.gov/aqb/permit/aqb_draft_permits.html. Other comments and questions may be submitted verbally.

Please refer to the company name and site name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site.

Atención
Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-476-5557.

Notice of Non-Discrimination
NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

TX-GC0799886-01

THE
DAILY TIMES

WEDNESDAY, DECEMBER 29, 2021 | DAILY-TIMES.COM

PART OF THE USA TODAY NETWORK

ASSOCIATED PRESS

SANTA FE — New Mexico's hourly minimum wage is set to increase by a dollar to \$11.50 at the start of 2022.

The Workforce Solutions Depart-

ment on Monday issued a reminder to employers and workers of the increase.

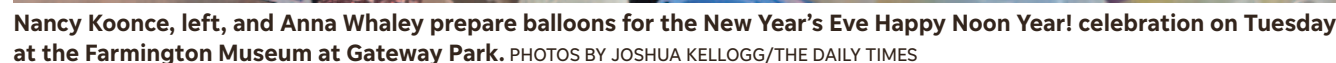
Reforms signed by Gov. Michelle Lujan Grisham and adopted in 2019 gradually raise the statewide minimum wage to \$12 by 2023.

President Joe Biden has proposed to raise the federal minimum wage requirement for most workers to \$15 an hour from \$7.25.

Higher local minimum wages are in effect in Albuquerque, Las Cruces, San-

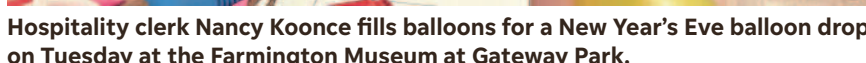
ta Fe and Bernalillo County and Santa Fe County.

State labor officials say that employers are required to post a summary of the New Mexico Minimum Wage Act in a place where all workers can easily see it.



Mike Easterling Farmington Daily Times
USA TODAY NETWORK – NEW MEXICO

See CELEBRATION. Page 5A



Joshua Kellogg Farmington Daily Times
USA TODAY NETWORK – NEW MEXICO

He also admitted to six felony

See GUN, Page 5A

Due to the weekend holiday, Thursday's edition will serve as a combined edition for Thursday, Friday and Saturday. No newspaper will be delivered Friday or Saturday. You can find the latest news on our website and mobile app and you will find Friday and Saturday's comics, puzzles and games in the Friday and Saturday e-editions. Normal delivery will resume on Sunday.

Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855.

NOTICE

Harvest Four Corners LLC announces its intent to apply to the New Mexico Environment Department (NMED) for an air quality permit modification for its natural gas pipeline compressor station facility known as the **Thompson Compressor Station**. The expected date of application submittal to the Air Quality Bureau is on or near December 20, 2021.

The exact location of the facility is latitude 36° 50' 4.0" and longitude -108° 05' 53.3" in San Juan County, New Mexico, approximately 0.6 miles north-northwest of the junction of county roads 3535 and 3536.

Harvest proposes to increase allowable annual emissions of volatile organic compounds (VOC) from its pipeline maintenance activities known as “pigging”, from 1.8 tons per year (tpy) to 14.5 tpy. No other changes to the permit are requested.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and tons per year (tpy) and could change slightly during the course of the Department’s review:

Pollutant:	Pounds per hour	Tons per year
Nitrogen Oxides (NO _x)	17.0	74.3
Carbon Monoxide (CO)	23.2	101.4
Volatile Organic Compounds (VOC)	36.5	191.7
Sulfur Dioxide (SO ₂)	0.2	0.9
Particulate Matter (PM)	0.4	1.8
PM ₁₀	0.4	1.8
PM _{2.5}	0.4	1.8
Total sum of all Hazardous Air Pollutants (HAPs)	11.2	18.4
Green House Gas Emissions as Total CO ₂ e	n/a	51,928

The standard and maximum operating schedules of the facility will be from midnight to midnight, 7 days a week, 52 weeks per year.

The owner and/or operator of the Facility is:

Harvest Four Corners, LLC, 1755 Arroyo Drive, Bloomfield, NM 87413

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816; (505) 476-4300; 1 800 224-7009; https://www.env.nm.gov/aqb/permit/aqb_draft_permits.html. Other comments and questions may be submitted verbally.

Please refer to the company name and site name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department’s notice will be published in the legal section of a newspaper circulated near the facility location.

General information about air quality and the permitting process can be found at the Air Quality Bureau’s web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the “Permits” section of this web site.

Atención

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Notice of Non-Discrimination

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General Posting of Notices – Certification

I, Kayleigh Ruybalid, the undersigned, certify that on 12/27/2021, I posted a true and correct copy of the attached Public Notice in the following publicly accessible and conspicuous places in the City of **Aztec** of **San Juan** County, State of New Mexico on the following dates:

1. Thompson Facility Entrance 12/30/2021
2. Aztec Post Office, Aztec NM 87410 12/27/2021
3. Aztec Public Library, Aztec NM 87410 12/27/2021
4. San Juan County Clerk's Office, Aztec NM 87410 12/27/2021

Signed this 5th day of January, 2022 .

Kayleigh Ruybalid
Signature

1/5/2022
Date

Kayleigh Ruybalid
Printed Name

EHS Systems Coordinator – Harvest Four Corners, LLC
Title

PSA submitted in online form 1/5/2022 to <https://radiodurango.com/public-service-announcements/>



Send a Public Service Announcement

Name	submitted by L Killion, Cirrus Consulting, 505-466-1790
Organization	on behalf of Harvest Four Corners
Date and day (Example: Tuesday, April 25th, 2018)	Application to NMED on or about Jan. 11
Time	Business hours M-F, 8 AM - 5 PM
Location	See PSA below
Event contact person	See PSA below
Phone number	See PSA below

Untitled Harvest Four Corners, LLC, located at 1755 Arroyo Drive in Bloomfield, New Mexico (87413), announces its intent to apply to the New Mexico Environment Department for a modification to its air quality permit for the Thompson Compressor Station, a natural gas pipeline compressor facility, located at latitude 36° 50' 4.0" and longitude -108° 05' 53.3" in San Juan County, about 0.6 miles north-northwest of the junction of county roads 3535 and 3536.

Harvest proposes to increase allowable annual emissions of volatile organic compounds (VOC) from its pipeline maintenance activities known as "pigging", from 1.8 tons per year (tpy) to 14.5 tpy. No other changes to the permit are requested. Public notices have been posted at the following locations:

Posting Location, Date of Posting:

- * Thompson Compressor Station Entrance, 12/30/2021
- * Aztec Post Office, Aztec, NM 87410, 12/27/2021
- * Aztec Public Library, Aztec, NM 87410, 12/27/2021
- * San Juan County Clerk's Office, Aztec, NM 87410, 12/27/2021

Questions and comments regarding this notice may be directed to the

Program Manager, New Source Review section of the New Mexico Environment Department Air Quality Bureau,
525 Camino de los Marquez, Suite 1

Santa Fe, New Mexico, 87505-1816

Phone: (505) 476-4300 /

Fax: (505) 476-4375

Submittal of Public Service Announcement – Certification

I, Lisa Killion, the undersigned, certify that on **January 5, 2022**, I submitted a public service announcement to **Four Corners Broadcasting (KIQX 101.3 FM; KIUP 930, 97.3 FM, & 106.3 FM; KKDC 93.3 FM; and KRSJ 100.5 FM / KRDS 104.1 FM)** that serves **San Juan and Rio Arriba Counties** in the State of New Mexico, in which the source is or is proposed to be located; and that **Four Corners Broadcasting DID NOT RESPOND**.

Signed this 5th day of January, 2022.

Lisa Killion
Signature

1/5/2022
Date

Lisa Killion
Printed Name

Cirrus Consulting, LLC (Consultant)
Title {APPLICANT OR RELATIONSHIP TO APPLICANT}

Section 11

Source Determination

Source submitting under 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC

Sources applying for a construction permit, PSD permit, or operating permit shall evaluate surrounding and/or associated sources (including those sources directly connected to this source for business reasons) and complete this section. Responses to the following questions shall be consistent with the Air Quality Bureau's permitting guidance, Single Source Determination Guidance, which may be found on the Applications Page in the Permitting Section of the Air Quality Bureau website.

Typically, buildings, structures, installations, or facilities that have the same SIC code, that are under common ownership or control, and that are contiguous or adjacent constitute a single stationary source for 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC applicability purposes. Submission of your analysis of these factors in support of the responses below is optional, unless requested by NMED.

A. Identify the emission sources evaluated in this section (list and describe):

Thompson Compressor Station

B. Apply the 3 criteria for determining a single source:

SIC Code: Surrounding or associated sources belong to the same 2-digit industrial grouping (2-digit SIC code) as this facility, OR surrounding or associated sources that belong to different 2-digit SIC codes are support facilities for this source.

☒ **Yes** ☐ **No**

Common Ownership or Control: Surrounding or associated sources are under common ownership or control as this source.

☒ **Yes** ☐ **No**

Contiguous or Adjacent: Surrounding or associated sources are contiguous or adjacent with this source.

☒ **Yes** ☐ **No**

C. Make a determination:

- ☒ The source, as described in this application, constitutes the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes. If in "A" above you evaluated only the source that is the subject of this application, all "YES" boxes should be checked. If in "A" above you evaluated other sources as well, you must check **AT LEAST ONE** of the boxes "NO" to conclude that the source, as described in the application, is the entire source for 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC applicability purposes.
- ☐ The source, as described in this application, **does not** constitute the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes (A permit may be issued for a portion of a source). The entire source consists of the following facilities or emissions sources (list and describe):

Section 12

Section 12.A

PSD Applicability Determination for All Sources

(Submitting under 20.2.72, 20.2.74 NMAC)

A PSD applicability determination for all sources. For sources applying for a significant permit revision, apply the applicable requirements of 20.2.74.AG and 20.2.74.200 NMAC and to determine whether this facility is a major or minor PSD source, and whether this modification is a major or a minor PSD modification. It may be helpful to refer to the procedures for Determining the Net Emissions Change at a Source as specified by Table A-5 (Page A.45) of the EPA New Source Review Workshop Manual to determine if the revision is subject to PSD review.

A. This facility is:

- ☒ a minor PSD source before and after this modification (if so, delete C and D below).
- ☐ a major PSD source before this modification. This modification will make this a PSD minor source.
- ☐ an existing PSD Major Source that has never had a major modification requiring a BACT analysis.
- ☐ an existing PSD Major Source that has had a major modification requiring a BACT analysis
- ☐ a new PSD Major Source after this modification.

B. This facility **is not** one of the listed 20.2.74.501 Table I – PSD Source Categories. The “project” emissions for this modification are **not significant**. The facility emissions are below the PSD major source threshold, and the project emissions are below the PSD significant emissions increase threshold of 40 tpy of VOC. The “project” emissions listed below **only result from changes described in this permit application**, thus no emissions from other revisions or modifications, past or future to this facility. Also, this project does not result in “de-bottlenecking”, or other associated emissions resulting in higher emissions. The project emissions (before netting) for this project are as follows [see Table 2 in 20.2.74.502 NMAC for a complete list of significance levels]:

- a. NOx: **0** TPY
- b. CO: **0** TPY
- c. VOC: **12.6** TPY
- d. SOx: **0** TPY
- e. PM: **0** TPY
- f. PM10: **0** TPY
- g. PM2.5: **0** TPY
- h. Fluorides: **0** TPY
- i. Lead: **0** TPY
- j. Sulfur compounds (listed in Table 2): **0** TPY
- k. GHG: **1,705** TPY

Section 13

Determination of State & Federal Air Quality Regulations

This section lists each state and federal air quality regulation that may apply to your facility and/or equipment that are stationary sources of regulated air pollutants.

Not all state and federal air quality regulations are included in this list. Go to the Code of Federal Regulations (CFR) or to the Air Quality Bureau's regulation page to see the full set of air quality regulations.

Required Information for Specific Equipment:

For regulations that apply to specific source types, in the 'Justification' column **provide any information needed to determine if the regulation does or does not apply**. For example, to determine if emissions standards at 40 CFR 60, Subpart IIII apply to your three identical stationary engines, we need to know the construction date as defined in that regulation; the manufacturer date; the date of reconstruction or modification, if any; if they are or are not fire pump engines; if they are or are not emergency engines as defined in that regulation; their site ratings; and the cylinder displacement.

Required Information for Regulations that Apply to the Entire Facility:

See instructions in the 'Justification' column for the information that is needed to determine if an 'Entire Facility' type of regulation applies (e.g. 20.2.70 or 20.2.73 NMAC).

Regulatory Citations for Regulations That Do Not, but Could Apply:

If there is a state or federal air quality regulation that does not apply, but you have a piece of equipment in a source category for which a regulation has been promulgated, you must **provide the low level regulatory citation showing why your piece of equipment is not subject to or exempt from the regulation**. For example if you have a stationary internal combustion engine that is not subject to 40 CFR 63, Subpart ZZZZ because it is an existing 2 stroke lean burn stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, your citation would be 40 CFR 63.6590(b)(3)(i). **We don't want a discussion of every non-applicable regulation, but if it is possible a regulation could apply, explain why it does not**. For example, if your facility is a power plant, you do not need to include a citation to show that 40 CFR 60, Subpart OOO does not apply to your non-existent rock crusher.

Regulatory Citations for Emission Standards:

For each unit that is subject to an emission standard in a source specific regulation, such as 40 CFR 60, Subpart OOO or 40 CFR 63, Subpart HH, include the low level regulatory citation of that emission standard. Emission standards can be numerical emission limits, work practice standards, or other requirements such as maintenance. **Here are examples:** a glycol dehydrator is subject to the general standards at 63.764C(1)(i) through (iii); an engine is subject to 63.6601, Tables 2a and 2b; a crusher is subject to 60.672(b), Table 3 and all transfer points are subject to 60.672(e)(1)

Federally Enforceable Conditions:

All federal regulations are federally enforceable. All Air Quality Bureau State regulations are federally enforceable except for the following: affirmative defense portions at 20.2.7.6.B, 20.2.7.110(B)(15), 20.2.7.11 through 20.2.7.113, 20.2.7.115, and 20.2.7.116; 20.2.37; 20.2.42; 20.2.43; 20.2.62; 20.2.63; 20.2.86; 20.2.89; and 20.2.90 NMAC. Federally enforceable means that EPA can enforce the regulation as well as the Air Quality Bureau and federally enforceable regulations can count toward determining a facility's potential to emit (PTE) for the Title V, PSD, and nonattainment permit regulations.

INCLUDE ANY OTHER INFORMATION NEEDED TO COMPLETE AN APPLICABILITY DETERMINATION OR THAT IS RELEVANT TO YOUR FACILITY'S NOTICE OF INTENT OR PERMIT.

EPA Applicability Determination Index for 40 CFR 60, 61, 63, etc: <http://cfpub.epa.gov/adi/>

Regulatory applicability and compliance with federal and state regulations are discussed below *only as they apply (or specifically do not apply) to the proposed pigging emissions and activities*; however, regulations with facility-wide applicability are identified regarding their applicability to the facility.

There are no regulations specifically applicable to the proposed pigging operations. No changes to regulatory applicability is triggered with the proposed pigging emissions increases.

Federal Regulations

Federal standards and requirements are embodied in Title 40 (Protection of the Environment), Subchapter C (Air Programs) of the CFR, Parts 50 through 99. The applicability of those parts of the CFR that are consistent with the limited list of standards and requirements defined as applicable requirements are identified in the following pages.

FEDERAL REGULATIONS APPLICABILITY CHECKLIST

FEDERAL REGU- LATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
40 CFR 50	National Ambient Air Quality Standards (NAAQS)	Yes	Facility	The requirement to comply with the National Ambient Air Quality Standards applies to all sources operating within the State of New Mexico, including the station.
NSPS 40 CFR 60, Subpart A	General Provisions	No		Applies if any other NSPS subpart applies. Although the subpart may apply or may be potentially applicable to other facility emission units, the subpart is not applicable to the proposed pigging emissions.
NSPS 40 CFR 60, Subpart Ka	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	No		The affected facility to which this subpart applies are storage tanks with capacity greater than 151,416 liters (40,000 gallons) that are used to store petroleum liquids for which construction is commenced after May 18, 1978. The subpart is not applicable to the proposed pigging emissions.
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	No		The affected facility to which this subpart applies is any storage vessels with a capacity greater than or equal to 75 cubic meters (m ³) used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after July 23, 1984. The subpart is not applicable to the proposed pigging emissions.
NSPS 40 CFR 60, Subpart KKK	Standards of Performance for Leaks of VOC from Onshore Gas Plants	No		An affected facility under the subpart is an onshore gas plant that commences construction, reconstruction, or modification after January 20, 1984, and includes the group of all equipment (each pump, pressure relief device, open-ended valve or line, valve, compressor, and flange or other connector that is in VOC service or in wet gas service, and any device or system required by this

FEDERAL REGU- LATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
				<p>subpart) except compressors (defined in § 60.631) within a process unit. A compressor station, dehydration unit, sweetening unit, underground storage tank, field gas gathering system, or liquefied natural gas unit is covered by this subpart if it is located at an onshore natural gas processing plant. If the unit is not located at the plant site, then it is exempt from the provisions of this subpart.</p> <p>The subpart is not applicable to the proposed pigging emissions.</p>
NSPS 40 CFR 60, Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	No		<p>Subpart OOOO establishes natural gas production, processing, transmission and distribution emission and equipment standards, including well completions; single continuous bleed, natural gas driven pneumatic controllers operating at bleed rates greater than 6 scfh and located between a wellhead and point of custody transfer; equipment leaks and sweetening units at natural gas processing plants; reciprocating compressors; centrifugal compressors; and storage vessels at well sites. The regulation includes provisions for initial and continuous compliance demonstrations, and recordkeeping and reporting requirements.</p> <p>As it applies to the natural gas production segment, “affected sources” include the following sources constructed, modified or reconstructed after August 23, 2011:</p> <ul style="list-style-type: none"> - Each affected single natural gas well, as described in the regulation; - Each reciprocating compressor, unless it is located at a well site or adjacent well site; - Each single continuous bleed, natural gas driven pneumatic controller operating at a bleed rate of greater than 6 scfh and located between a wellhead and point of custody transfer; - Each single storage vessel affected facility with VOC emissions of six (6) tpy or greater. <p>The equipment at the facility were constructed prior to the applicability date, and there are no reciprocating compressors at the facility; therefore, the regulation is not applicable.</p> <p>The regulation is not applicable to the pigging equipment or emissions.</p>
NSPS 40 CFR 60, Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	No		<p>Subpart OOOOa establishes emission standards and compliance schedules for the control of GHG methane emission limits as well as emission standards and compliance schedules for the control of VOC and SO₂ emissions for crude oil and natural gas facilities that commence construction, modification, or reconstruction after September 18, 2015.</p> <p>As it applies to equipment at a compressor station in the natural gas production segment, “affected sources” include the following emission sources constructed, modified or reconstructed after September 18, 2015 (§60.5365a):</p> <ul style="list-style-type: none"> - Each single reciprocating compressor (§60.5365a(c)); - Each pneumatic controller that is a single continuous bleed natural gas-driven pneumatic controller operating at a natural gas bleed rate greater than 6 scfh (§60.5365a(d)(1)); - Each single storage vessel with the potential for VOC emissions equal to or greater than 6 tpy (§60.5365a(e)); and - The collection of fugitive emissions components at a compressor station, as defined in §60.5430a (§60.5365a(j)). <p>The equipment at the facility were constructed prior to the applicability date or do not otherwise trigger the applicability of the regulation.</p> <p>Should a new affected source be installed at the facility, the applicability of the subpart to that source shall be evaluated upon installation. As applicable, Harvest will comply with the applicable requirements in the subpart for any</p>

FEDERAL REGULATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
				future devices installed. The regulation is not applicable to the pigging equipment or emissions.
NESHAP 40 CFR 61, Subpart A	General Provisions	No		40 CFR 61 National Emission Standards for Hazardous Air Pollutants (NESHAP) provides standards for equipment that emits hazardous air pollutants by specific source types. Subpart A, General Provisions, applies if any other 40 CFR 61 NESHAP subpart applies. The regulation is not applicable to the pigging equipment.
NESHAP 40 CFR 61, Subpart V	National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	No		40 CFR 61, subpart V provides equipment standards, and monitoring, recordkeeping and reporting standards for specified equipment in VHAP service, including fugitive emissions from pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, and required control devices or systems. Subpart V is not applicable to the pigging equipment because the equipment are not affected sources are in VHAP service.
MACT 40 CFR 63, Subpart A	General Provisions	No		Applies if any other 40 CFR 63 (NESHAP/MACT) subpart applies. There are no MACT standards applicable to the pigging equipment or emissions. Therefore, the regulation does not apply.
MACT 40 CFR 63, Subpart HH	National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities	No		Under § 63.760, the subpart applies to owners and operators of affected sources located at oil and natural gas production facilities, including facilities that are major and area sources of hazardous air pollutants (HAP). Though the subpart is applicable or potentially applicable to other facility emission units, the subpart is not applicable to the proposed pigging equipment or emissions.
40 CFR 64	Compliance Assurance Monitoring	No		40 CFR 64, <i>Compliance Assurance Monitoring</i> (CAM) monitoring requirements are applicable to sources that are located at a major source, that are required to obtain a part 70 or 71 permit, and with uncontrolled criteria pollutant emission rates equal to or exceeding the major source threshold (100 tons per year), that use a control device to achieve compliance with an emission limit or standard, and which the resulting controlled emissions are less than the major source threshold. Passive control devices such as lean-burn technology are not considered a control device as defined in 40 CFR 64 definitions and as clarified in discussions with EPA. The pigging equipment do not have uncontrolled emissions that are a major source. Therefore, the regulation is not applicable under §64.2(a).
40 CFR 98	Mandatory Greenhouse Gas Reporting	Yes	Facility	40 CFR 98, <i>Mandatory Greenhouse Gas Reporting</i> , is a federal requirement that is applicable to facilities that include source categories listed in Subpart A, Table A-3, or to facilities with annual emissions of 25,000 metric tons of CO ₂ equivalent (CO ₂ e) or more in combined emissions from stationary fuel combustion units, miscellaneous uses of carbonate, and all applicable source categories listed in Table A-3 and Table A-4 of Subpart A. The regulation applies or potentially applies to the facility as its facility-wide actual annual CO ₂ e emissions previously exceeded the reporting threshold defined in Subpart A, <i>General Provision</i> , Subpart C, <i>General Stationary Fuel Combustion Sources</i> , and, as applicable, Subpart W, <i>Petroleum Oil and Natural Gas Systems</i> . The GHG emissions inventory is reported annually. The GHG reporting includes emissions from pigging activities and other SSM.

State Regulations

Applicable state requirements are embodied in the New Mexico SIP, the New Mexico Administrative Code (NMAC), and the terms and conditions of any preconstruction permits issued pursuant to regulations promulgated through rulemaking under Title I of the CAA. A summary of the applicability of the NMACs is presented on the following pages.

STATE REGULATIONS APPLICABILITY CHECKLIST

STATE REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
20.2.1 NMAC	General Provisions *	Yes	Facility	20.2.1 NMAC, <i>General Provisions</i> , establishes procedures for protecting confidential information, procedures for seeking a variance, NMAQB's authority to require sampling equipment, severability, the effective date for conformance with the NMACs, and prohibits the violation of other requirements in attempting to comply with NMACs. Although this regulation may apply to the facility, it does not impose any specific requirements on the facility pigging operations.
20.2.2 NMAC	Definitions *	No		20.2.2 NMAC, <i>Definitions</i> , establishes definitions used throughout the remaining regulations. The regulation does not contain any requirements on the facility pigging activities.
20.2.3 NMAC	Ambient Air Quality Standards	Yes	Facility	20.2.3 NMAC, <i>Ambient Air Quality Standards</i> , is a SIP approved regulation that limits the maximum allowable concentration of total suspended particulates (TSP), sulfur compounds, carbon monoxide (CO) and nitrogen dioxide (NO ₂) in the areas of New Mexico under the jurisdiction of the Environmental Improvement Board. Though the regulation applies to the facility emissions as a whole, it does not impose any specific requirements on the its pigging activities.
20.2.5 NMAC	Source Surveillance	No		20.2.5 NMAC, <i>Source Surveillance</i> , establishes the NMAQB's authority to require recordkeeping/ surveillance upon request. The regulation does not impose any specific requirements on the operation of the facility or its pigging activities.
20.2.7 NMAC	Excess Emissions	Yes	Facility, including unit P1 emissions	20.2.7 NMAC, <i>Excess Emissions</i> , is applicable because it prohibits excess emissions and proscribes notification procedures in the event of excess emissions. The regulation has potential applicability to pigging emissions of VOC.
20.2.8 NMAC	Emissions Leaving New Mexico *	No		20.2.8 NMAC, <i>Emissions Leaving New Mexico</i> , establishes prohibitions on the release of pollutants that cross New Mexico State boundaries. The regulation does not impose any specific requirements on the operation of the facility or its pigging activities.
20.2.35 NMAC	Natural Gas Processing Plant – Sulfur	No		20.2.35 NMAC, <i>Natural Gas Processing Plant – Sulfur</i> , applies to new natural gas processing plants for which a modification commenced on or after July 1, 1974. The pigging operations are not located at a natural gas processing plant.

STATE REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
20.2.38 NMAC	Hydrocarbon Storage	No		20.2.38 NMAC, <i>Hydrocarbon Storage Facilities</i> , is not applicable because the facility does not store hydrocarbons containing hydrogen sulfide; does not have a hydrocarbon liquid throughput of 50,000 barrels or greater located within a municipality or within five miles of a municipality with population of 20,000 or more; nor is there a new hydrocarbon tank battery with storage capacity of 65,000 gallons or greater. The regulation is not applicable to pigging activities or emissions.
20.2.70 NMAC	Operating Permits	Yes	Facility	20.2.70 NMAC, <i>Operating Permits</i> , contains permitting requirements for major sources of criteria and hazardous air pollutants subject to Part 70 (Title V) permitting requirements. The facility Potential To Emit for criteria pollutants is above the major source Title V permitting thresholds. Therefore, the regulation is applicable and the facility must apply for and obtain a Title V Operating Permit. In addition to its construction permit, the current facility Title V Operating Permit No. is P018-R4 .
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	20.2.71 NMAC, <i>Operating Permit Emission Fees</i> , specifies fees for emissions from facilities subject to Part 70 (Title V) permitting requirements under 20.2.70 NMAC. The regulation is applicable as the facility is subject to permitting requirements under 20.2.70 NMAC.
20.2.72 NMAC	Construction Permits	Yes	Facility	20.2.72 NMAC, <i>Construction Permits</i> , requires a construction [NSR] permit for stationary source with emissions greater than 10 pounds per hour or 25 tons per year of criteria pollutants. The station emissions exceed the permit requirement thresholds. The construction (NSR) permit issued under 20.2.72 for this facility is permit No. 0761-M10 .
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	20.2.73 NMAC requires that owners/operators intending to construct a new stationary source that has a potential emission rate (uncontrolled emissions) greater than 10 tons per year of any regulated air contaminant, or 1 ton per year of lead, must file a notice of intent (NOI) with the department. The station emits regulated air pollutants in amounts greater than 10 tons per year, which includes the pigging emissions. The requirement to file an NOI with the Department is fulfilled with the application for a construction permit under 20.2.72 NMAC.
20.2.74 NMAC	Permits – PSD	No		20.2.74 NMAC, <i>Permits, Prevention of Significant Deterioration (PSD)</i> , provides requirements for sources subject to permit requirements for PSD facilities. The facility emissions do not exceed the PSD permit threshold levels. Therefore, the regulation does not apply.
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	20.2.75 NMAC, <i>Construction Permit Fees</i> , establishes the fee schedule associated with the filing of permits and permit revisions. The regulation is applicable to the facility for its construction permit application submitted under 20.2.72 NMAC.
20.2.77 NMAC	New Source Performance Standards	No		20.2.77 NMAC, <i>New Source Performance Standards</i> , incorporates by reference specific Standards of Performance for New Stationary Sources (NSPS) codified under 40 CFR 60, as amended through January 15, 2017. The pigging equipment and emissions are not subject to any NSPS under 40 CFR 60..

<u>STATE REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
20.2.78 NMAC	Emission Standards for HAPS	No		20.2.78 NMAC, <i>Emission Standards for Hazardous Air Pollutants</i> , incorporates by reference specific National Emission Standards for Hazardous Air Pollutants (NESHAPs) codified under 40 CFR 61, as amended through January 15, 2017. The pigging equipment and emissions are not subject to any NESHAP under 40 CFR 61.
20.2.79 NMAC	Permits – Nonattainment Areas	No		20.2.79 NMAC, <i>Permits - Nonattainment Areas</i> , is not applicable to the station because the compressor station is not located within a non-attainment area.
20.2.80 NMAC	Stack Heights	No		20.2.80 NMAC, <i>Stack Heights</i> , establishes guidelines for the selection of an appropriate stack height for the purposes of atmospheric dispersion modeling. Atmospheric dispersion modeling was previously provided in support of the facility's construction permit. Based on the NMAQB dispersion modeling guidance document, air quality dispersion modeling is not required for VOC emissions associated with the proposed pigging activities.
20.2.82 NMAC	MACT Standards for source categories of HAPS	No		20.2.82 NMAC, <i>Maximum Achievable Control Technology Standards for Source Categories of Hazardous Air Pollutants</i> , incorporates by reference specified federal Maximum Available Control Technology (MACT) Standards codified in 40 CFR 63, as amended through January 15, 2017. subject to a MACT standard. Therefore, the regulation does not apply.

* = These NMACs are administrative in nature and do not establish prohibitions, standards, or requirements.

Section 16

Air Dispersion Modeling

- 1) Minor Source Construction (20.2.72 NMAC) and Prevention of Significant Deterioration (PSD) (20.2.74 NMAC) ambient impact analysis (modeling): Provide an ambient impact analysis as required at 20.2.72.203.A(4) and/or 20.2.74.303 NMAC and as outlined in the Air Quality Bureau's Dispersion Modeling Guidelines found on the Planning Section's modeling website. If air dispersion modeling has been waived for one or more pollutants, attach the AQB Modeling Section modeling waiver approval documentation.
- 2) SSM Modeling: Applicants must conduct dispersion modeling for the total short term emissions during routine or predictable startup, shutdown, or maintenance (SSM) using realistic worst case scenarios following guidance from the Air Quality Bureau's dispersion modeling section. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions modeling requirements.
- 3) Title V (20.2.70 NMAC) ambient impact analysis: Title V applications must specify the construction permit and/or Title V Permit number(s) for which air quality dispersion modeling was last approved. Facilities that have only a Title V permit, such as landfills and air curtain incinerators, are subject to the same modeling required for preconstruction permits required by 20.2.72 and 20.2.74 NMAC.

What is the purpose of this application?	Enter an X for each purpose that applies
New PSD major source or PSD major modification (20.2.74 NMAC). See #1 above.	
New Minor Source or significant permit revision under 20.2.72 NMAC (20.2.72.219.D NMAC). See #1 above. Note: Neither modeling nor a modeling waiver is required for VOC emissions.	X
Reporting existing pollutants that were not previously reported.	
Reporting existing pollutants where the ambient impact is being addressed for the first time.	
Title V application (new, renewal, significant, or minor modification. 20.2.70 NMAC). See #3 above.	
Relocation (20.2.72.202.B.4 or 72.202.D.3.c NMAC)	
Minor Source Technical Permit Revision 20.2.72.219.B.1.d.vi NMAC for like-kind unit replacements.	
Other: i.e. SSM modeling. See #2 above.	
This application does not require modeling since this is a No Permit Required (NPR) application.	
This application does not require modeling since this is a Notice of Intent (NOI) application (20.2.73 NMAC).	
This application does not require modeling according to 20.2.70.7.E(11), 20.2.72.203.A(4), 20.2.74.303, 20.2.79.109.D NMAC and in accordance with the Air Quality Bureau's Modeling Guidelines.	

Check each box that applies:

- ☐ See attached, approved modeling **waiver for all** pollutants from the facility.
- ☐ See attached, approved modeling **waiver for some** pollutants from the facility.
- ☐ Attached in Universal Application Form 4 (UA4) is a **modeling report for all** pollutants from the facility.
- ☐ Attached in UA4 is a **modeling report for some** pollutants from the facility.
- ☒ No modeling is required.

An ambient air quality impact analysis including dispersion modeling was provided in support of construction permit 0761-M8. The dispersion modeling demonstrated that the facility will comply with the National Ambient Air Quality Standards and applicable PSD increments.

Section 22: Certification

Company Name: Harvest Four Corners, LLC

I, Oakley Hayes, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 5th day of January, 2022, upon my oath or affirmation, before a notary of the State of New Mexico.

Oakley Hayes
*Signature

1/5/2022
Date

Oakley Hayes
Printed Name

Environmental Specialist
Title

Scribed and sworn before me on this 5th day of January, 2022.

My authorization as a notary of the State of New Mexico expires on the

23rd day of November, 2025.

Jennifer Deal
Notary's Signature

1/5/2022
Date

Jennifer Deal
Notary's Printed Name

*For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC.

